

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO

Lucite International, Inc.

AUTHORIZING THE OPERATION OF

Beaumont Site
Industrial Organic Chemicals

LOCATED AT

Jefferson County, Texas

Latitude 30° 01' 46" Longitude 094° 02' 10"

Regulated Entity Number: RN102736089

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O1959 Issuance Date: June 29, 2010

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions: Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

- C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. Emission units subject to 40 CFR Part 63, Subpart A, F, G, H, Y, or YY as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.100, § 113.110, § 113.120, § 113.130, § 113.300, § 113.560, which incorporates the 40 CFR Part 63 Subpart by reference.
 - F. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)

- J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
- 3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
 - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) and Compliance Assurance Monitoring (CAM), are not subject to the following periodic monitoring requirements and shall comply with the CAM requirements in the “Additional Monitoring Requirements” attachment:
 - (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
 - (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit

holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is

in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later

than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A)
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)
- (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
 - (4) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader
- D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- E. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- F. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- 4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: "Storage of Volatile Organic Compounds," the permit holder shall comply with the requirements of 30 TAC § 115.112(a)(1).

5. For industrial wastewater specified in 30 TAC Chapter 115, Subchapter B, the permit holder shall comply with 40 CFR Part 63, Subpart G as specified in 30 TAC § 115.143(c)(1) - (3).
6. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
 - A. When filling stationary gasoline storage vessels (Stage I) for motor vehicle fuel dispensing facilities, constructed prior to November 15, 1992, with transfers to stationary storage tanks located at a facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
 - (i) Title 30 TAC § 115.222(7) (relating to Control Requirements)
 - (ii) Title 30 TAC § 115.222(3), as it applies to liquid gasoline leaks
 - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks
 - (iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)
7. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
8. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

9. For the chemical manufacturing process specified in 40 CFR Part 63, Subpart F, the permit holder shall comply with 40 CFR § 63.103(a) (relating to General Compliance, Reporting, and Recordkeeping Provisions) (Title 30 TAC Chapter 113, Subchapter C, § 113.110 incorporated by reference).
10. For the chemical manufacturing facilities with a 40 CFR Part 63, Subpart G Group 2 wastewater stream, the permit holder shall comply with (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):
 - A. Title 40 CFR § 63.132(a), (a)(1), (a)(1)(i), and (a)(3) (relating to Process Wastewater Provisions - General)
11. For process facilities subject to maintenance wastewater requirements as specified in 40 CFR § 63.1106(b), the permit holder shall comply with the requirements of 40 CFR § 63.105(b) - (e) (relating to Maintenance Wastewater Requirements) (Title 30 TAC Chapter 113, Subchapter C, § 113.560 incorporated by reference).
12. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

13. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

14. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
15. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
16. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time periods that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, material safety data sheets (MSDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144.
 - A. If applicable, monitoring of control device performance or general work practice standards shall be made in accordance with the TCEQ Periodic Monitoring Guidance document.
 - B. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

17. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed

12 months and the certification must be submitted within 30 days after the end of the period being certified.

18. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:
 - A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:
 - (i) For sources in the Beaumont-Port Arthur Nonattainment area, 30 TAC § 117.9000
 - B. The permit holder shall comply with the Initial Control Plan unit listing requirement in 30 TAC § 117.150(c) and (c)(1).
19. Use of Emission Credits to comply with applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116
 - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)(2)
 - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
 - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)(2)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
20. Use of Discrete Emission Credits to comply with the applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

- (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
- B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

Risk Management Plan

- 21. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

- 22. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone.
 - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified

equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

- B. The permit holder shall comply with 40 CFR Part 82, Subpart H related to Halon Emissions Reduction requirements as specified in 40 CFR § 82.250 - § 82.270 and the applicable Part 82 Appendices.

Permit Location

- 23. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

- 24. A permit shield is granted for the emission units, groups, or processes specified in the attached “Permit Shield.” Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment “Permit Shield.” Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|---|--|------------------|--|---|
| P&S/BLR7 | Boilers/Steam Generators/Steam Generating Units | N/A | N/A | 30 TAC Chapter 117, Subchapter B | No changing attributes. |
| P&S/BLR7 | Boilers/Steam Generators/Steam Generating Units | N/A | 60DB-BLR7 | 40 CFR Part 60, Subpart Db | No changing attributes. |
| PRO-MMA | Chemical Manufacturing Process | N/A | 63F-1 | 40 CFR Part 63, Subpart F | No changing attributes. |
| GRPNNN1 | Distillation Operations | ACH/COLA | 60NNN-1 | 40 CFR Part 60, Subpart NNN | No changing attributes. |
| GRPNNN2 | Distillation Operations | MMA/ARC, MMA/LBC, MMA/REF, MMA/TOP | 60NNN-2 | 40 CFR Part 60, Subpart NNN | No changing attributes. |
| GRPNNN2 | Distillation Operations | MMA/ARC, MMA/LBC, MMA/REF, MMA/TOP | 60NNN-2A | 40 CFR Part 60, Subpart NNN | No changing attributes. |
| GRPNNN3 | Distillation Operations | MAA/HRC, MAA/PRC, MAA/WSC | 60NNN-3 | 40 CFR Part 60, Subpart NNN | No changing attributes. |
| GRPNNN3 | Distillation Operations | MAA/HRC, MAA/PRC, MAA/WSC | 60NNN-4 | 40 CFR Part 60, Subpart NNN | No changing attributes. |
| ACH/BLETK | Emission Points/Stationary Vents/Process Vents | N/A | 115-10 | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| ACR/ABS51 | Emission Points/Stationary Vents/Process Vents | N/A | R5121 | 30 TAC Chapter 115, Vent Gas Controls | Control Device Type = Vapor combustor not considered to be a flare. |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|--|--------------------------|------------------|--|--|
| ACR/ABS51 | Emission Points/Stationary Vents/Process Vents | N/A | R5121-V-5 | 30 TAC Chapter 115, Vent Gas Controls | Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg)., VOC Concentration = VOC concentration is greater than or equal to 612 ppmv., Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C). |
| ACR/ABS51 | Emission Points/Stationary Vents/Process Vents | N/A | 63YY-1 | 40 CFR Part 63, Subpart YY | No changing attributes. |
| ACR/SMPCS | Emission Points/Stationary Vents/Process Vents | N/A | R5127 | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| ACR/TOU51 | Emission Points/Stationary Vents/Process Vents | N/A | R1111-C-1 | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| ACR-INC60 | Emission Points/Stationary Vents/Process Vents | N/A | R1111-C-1 | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| ACR-INC60 | Emission Points/Stationary Vents/Process Vents | N/A | R5121-V-1 | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| ACR-VC51 | Emission | N/A | R1111 | 30 TAC Chapter 111, Visible | No changing attributes. |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|--|--|------------------|--|---|
| | Points/Stationary Vents/Process Vents | | | Emissions | |
| GRPACHVNT | Emission Points/Stationary Vents/Process Vents | ACH/RXA, ACH/RXB | 115-7 | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| GRPMMAVNT | Emission Points/Stationary Vents/Process Vents | MMA/ACONV | 115-6 | 30 TAC Chapter 115, Vent Gas Controls | Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C). |
| GRPMMAVNT | Emission Points/Stationary Vents/Process Vents | MMA/ACONV | 115-6A | 30 TAC Chapter 115, Vent Gas Controls | Control Device Type = Smokeless flare |
| HCN/CVS | Emission Points/Stationary Vents/Process Vents | N/A | 63YY-8 | 40 CFR Part 63, Subpart YY | No changing attributes. |
| MMA/LAB | Emission Points/Stationary Vents/Process Vents | N/A | 115-8 | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| PRO-MAA | Emission Points/Stationary Vents/Process Vents | MAA/ABOIL, MAA/HRC, MAA/HYDRX1, MAA/HYDRX2, MAA/JCOND, MAA/PRC, MAA/WSC | R5121-1 | 30 TAC Chapter 115, Vent Gas Controls | Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C). |
| PRO-MAA | Emission Points/Stationary | MAA/ABOIL, MAA/HRC, | R5121-1A | 30 TAC Chapter 115, Vent Gas Controls | Control Device Type = Smokeless flare |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|--|--|------------------|--|-------------------------|
| | Vents/Process Vents | MAA/HYDRX1, MAA/HYDRX2, MAA/JCOND, MAA/PRC, MAA/WSC | | | |
| SAR-SARSTK | Emission Points/Stationary Vents/Process Vents | N/A | 111-3 | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| SIT/BIOOX | Emission Points/Stationary Vents/Process Vents | N/A | R5121PV-1 | 30 TAC Chapter 115, Vent Gas Controls | No changing attributes. |
| ACH/CBFLR | Flares | N/A | 111-1 | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| ACH/CBFLR | Flares | N/A | 60A-1 | 40 CFR Part 60, Subpart A | No changing attributes. |
| ACR/FLR57 | Flares | N/A | R1111-F-1 | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| ACR/FLR57 | Flares | N/A | 63A-F-1 | 40 CFR Part 63, Subpart A | No changing attributes. |
| ACR-FLR59 | Flares | N/A | R1111-1 | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| ACR-FLR59 | Flares | N/A | 60A-F-1 | 40 CFR Part 60, Subpart A | No changing attributes. |
| ACR-FLR59 | Flares | N/A | 63A-F-1 | 40 CFR Part 63, Subpart A | No changing attributes. |
| MMA/DKFL | Flares | N/A | 111-2 | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| MMA/DKFL | Flares | N/A | 60A-2 | 40 CFR Part 60, Subpart A | No changing attributes. |
| MMA/PFL | Flares | N/A | R111 | 30 TAC Chapter 111, Visible | No changing attributes. |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|-------------------------|--------------------------|-------------------|---|-------------------------|
| | | | | Emissions | |
| ACH/CVS | Fugitive Emission Units | N/A | 60VV-1 | 40 CFR Part 60, Subpart VV | No changing attributes. |
| ACH/FPRCBL | Fugitive Emission Units | N/A | 115-1 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | No changing attributes. |
| ACH/FPRCBL | Fugitive Emission Units | N/A | 60VV-2 | 40 CFR Part 60, Subpart VV | No changing attributes. |
| ACR/HCNFUG | Fugitive Emission Units | N/A | R5352ALL | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | No changing attributes. |
| ACR/HCNFUG | Fugitive Emission Units | N/A | 63YY-7 (CONGL) | 40 CFR Part 63, Subpart YY | No changing attributes. |
| ACR/HCNFUG | Fugitive Emission Units | N/A | 63YY-7 (CVS) | 40 CFR Part 63, Subpart YY | No changing attributes. |
| ACR/HCNFUG | Fugitive Emission Units | N/A | 63YY-7 (FLARE) | 40 CFR Part 63, Subpart YY | No changing attributes. |
| ACR/HCNFUG | Fugitive Emission Units | N/A | 63YY-7 (IS) | 40 CFR Part 63, Subpart YY | No changing attributes. |
| ACR/HCNFUG | Fugitive Emission Units | N/A | 63YY-7 (PRVGV) | 40 CFR Part 63, Subpart YY | No changing attributes. |
| ACR/HCNFUG | Fugitive Emission Units | N/A | 63YY-7 (PULLS) | 40 CFR Part 63, Subpart YY | No changing attributes. |
| ACR/HCNFUG | Fugitive Emission Units | N/A | 63YY-7 (SCS) | 40 CFR Part 63, Subpart YY | No changing attributes. |
| ACR/HCNFUG | Fugitive Emission Units | N/A | 63YY-7 (VALGL) | 40 CFR Part 63, Subpart YY | No changing attributes. |
| FMONO | Fugitive Emission Units | N/A | 115-2 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | No changing attributes. |
| FMONO | Fugitive Emission Units | N/A | 63H-1 | 40 CFR Part 63, Subpart H | No changing attributes. |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|--------------------------------------|---|------------------|---|-------------------------|
| MMA/CTW | Industrial Process Cooling Towers | N/A | 63F-2 | 40 CFR Part 63, Subpart F | No changing attributes. |
| MAA/LOAD | Loading/Unloading Operations | N/A | R5211-1 | 30 TAC Chapter 115, Loading and Unloading of VOC | No changing attributes. |
| MMA/LOAD | Loading/Unloading Operations | N/A | R115-4 | 30 TAC Chapter 115, Loading and Unloading of VOC | No changing attributes. |
| NBMA/LRC | Loading/Unloading Operations | N/A | R5211-L-1 | 30 TAC Chapter 115, Loading and Unloading of VOC | No changing attributes. |
| NBMA/LTR | Loading/Unloading Operations | N/A | R5211-L-1 | 30 TAC Chapter 115, Loading and Unloading of VOC | No changing attributes. |
| SAR/PAPHA | Process Heaters/Furnaces | N/A | R117-3 | 30 TAC Chapter 117, Subchapter B | No changing attributes. |
| SAR/PAPHB | Process Heaters/Furnaces | N/A | R117-1 | 30 TAC Chapter 117, Subchapter B | No changing attributes. |
| GRPAMIDE | Reactor | MMA/ARXRA, MMA/ARXRB, MMA/ARXRC | 60RRR-1 | 40 CFR Part 60, Subpart RRR | No changing attributes. |
| GRPAMIDE | Reactor | MMA/ARXRA, MMA/ARXRB, MMA/ARXRC | 60RRR-1A | 40 CFR Part 60, Subpart RRR | No changing attributes. |
| GRPESTER | Reactor | MMA/AFTBLR, MMA/ESRX1, MMA/ESRX1A, MMA/ESRX2 | 60RRR-2 | 40 CFR Part 60, Subpart RRR | No changing attributes. |
| GRPHYDRX | Reactor | MAA/HYDRX1, | 60RRR-3 | 40 CFR Part 60, Subpart | No changing attributes. |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|--------------------------------|---------------------------|------------------|---|-------------------------|
| | | MAA/HYDRX2 | | RRR | |
| GRPHYDRX | Reactor | MAA/HYDRX1, MAA/HYDRX2 | 60RRR-4 | 40 CFR Part 60, Subpart RRR | No changing attributes. |
| SIT/DEGR2 | Solvent Degreasing Machines | N/A | R5-DEGR2 | 30 TAC Chapter 115, Degreasing Processes | No changing attributes. |
| AMM/PMP186 | SRIC Engines | N/A | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| SIT/ENG177 | SRIC Engines | N/A | R7ICI-E-1 | 30 TAC Chapter 117, Subchapter B | No changing attributes. |
| ACR/TFX221 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| ACR/TFX223 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| ACR/TFX232 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| ACR/TFX232 | Storage Tanks/Vessels | N/A | 63YY-4 | 40 CFR Part 63, Subpart YY | No changing attributes. |
| ACR/TFX375 | Storage Tanks/Vessels | N/A | 63YY-3 | 40 CFR Part 63, Subpart YY | No changing attributes. |
| ACR-TFX279 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| ACR-WWC376 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| ACR-WWC376 | Storage Tanks/Vessels | N/A | 63YY-5 | 40 CFR Part 63, Subpart YY | No changing attributes. |
| ACR-WWC377 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage | No changing attributes. |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|-----------------------|--------------------------|------------------|--|-------------------------|
| | | | | of VOCs | |
| ACR-WWC377 | Storage Tanks/Vessels | N/A | 63YY-6 | 40 CFR Part 63, Subpart YY | No changing attributes. |
| HCN/SRGVSL | Storage Tanks/Vessels | N/A | 63YY-2 | 40 CFR Part 63, Subpart YY | No changing attributes. |
| HCN/WWMNT | Storage Tanks/Vessels | N/A | 63YY-10 | 40 CFR Part 63, Subpart YY | No changing attributes. |
| HCN/WWPRC | Storage Tanks/Vessels | N/A | 63YY-9 | 40 CFR Part 63, Subpart YY | No changing attributes. |
| HCN/WWRSID | Storage Tanks/Vessels | N/A | 63YY-11 | 40 CFR Part 63, Subpart YY | No changing attributes. |
| LBSMP | Storage Tanks/Vessels | N/A | 63G-15 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MAA/ACTK | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| MAA/CRTK | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| MAA/HQMT | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| MAA/MAATK1 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| MAA/MAATK1 | Storage Tanks/Vessels | N/A | 63G-21 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MAA/MAATK2 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| MAA/MAATK2 | Storage Tanks/Vessels | N/A | 63G-22 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MAA/PTHQMT | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| MAA/PWTK | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage | No changing attributes. |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|-----------------------|--------------------------|------------------|-------------------------------------|-------------------------|
| | | | | of VOCs | |
| MAA/RWTK | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| MAA/RWTK | Storage Tanks/Vessels | N/A | 63G-23 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/AIMTK | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| MMA/AIMTK | Storage Tanks/Vessels | N/A | 63G-1 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/AUMTK | Storage Tanks/Vessels | N/A | 63G-2 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/CMTK | Storage Tanks/Vessels | N/A | 115-13 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| MMA/CMTK | Storage Tanks/Vessels | N/A | 63G-5 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/DFT | Storage Tanks/Vessels | N/A | 63G-10 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/DWAT | Storage Tanks/Vessels | N/A | 63G-9 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/HQFT | Storage Tanks/Vessels | N/A | 63G-12 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/HQMT | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| MMA/HQMT | Storage Tanks/Vessels | N/A | 63G-11 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/INHBFT | Storage Tanks/Vessels | N/A | 63G-20 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/INHBMT | Storage Tanks/Vessels | N/A | 63G-16 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/MDST | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|-----------------------|--------------------------|------------------|--|-------------------------|
| MMA/MDST | Storage Tanks/Vessels | N/A | 63G-3 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/MDTK | Storage Tanks/Vessels | N/A | 115-5 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| MMA/MDTK | Storage Tanks/Vessels | N/A | 63G-4 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/NWLT | Storage Tanks/Vessels | N/A | 63G-6 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/OPFT | Storage Tanks/Vessels | N/A | 63G-14 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/OPMT | Storage Tanks/Vessels | N/A | 115-11 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| MMA/OPMT | Storage Tanks/Vessels | N/A | 63G-13 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/SWLT | Storage Tanks/Vessels | N/A | 115-12 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| MMA/SWLT | Storage Tanks/Vessels | N/A | 63G-7 | 40 CFR Part 63, Subpart G | No changing attributes. |
| MMA/TFDCA | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| MMA/TFDCA | Storage Tanks/Vessels | N/A | 63G-8 | 40 CFR Part 63, Subpart G | No changing attributes. |
| NBMA/TFX54 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| SAR/NSAT | Storage Tanks/Vessels | N/A | 63G-18 | 40 CFR Part 63, Subpart G | No changing attributes. |
| SAR/SART | Storage Tanks/Vessels | N/A | 63G-19 | 40 CFR Part 63, Subpart G | No changing attributes. |
| SAR/SAT | Storage Tanks/Vessels | N/A | 63G-17 | 40 CFR Part 63, Subpart G | No changing attributes. |
| SIT/TFX172 | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|--|--------------------------|------------------|---|-------------------------|
| SIT/TMEOH | Storage Tanks/Vessels | N/A | R5112 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| PRO-SAR | Sulfuric Acid Production | N/A | 112-1 | 30 TAC Chapter 112, Sulfur Compounds | No changing attributes. |
| PRO-SAR | Sulfuric Acid Production | N/A | 60H-1 | 40 CFR Part 60, Subpart H | No changing attributes. |
| PRO-SAR | Sulfuric Acid Production | N/A | 60H-2 | 40 CFR Part 60, Subpart H | No changing attributes. |
| PRO-PAINT | Surface Coating Operations | N/A | 115-9 | 30 TAC Chapter 115, Surface Coating Operations | No changing attributes. |
| MAA/DEC | Volatile Organic Compound Water Separators | N/A | R5131-1 | 30 TAC Chapter 115, Water Separation | No changing attributes. |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|---|---|--|---|--|
| P&S/BLR7 | EU | N/A | EXEMPT | 30 TAC Chapter 117, Subchapter B | § 117.103(a) § 117.103(a)(1) | Units exempted from §117.110 of this title include any new units placed into service after November 15, 1992 (and not qualified as a functionally identical replacement as defined in §117.10 of this title). | None | None | § 117.154(a) § 117.154(a)(5) |
| P&S/BLR7 | EU | 60DB-BLR7 | SO ₂ | 40 CFR Part 60, Subpart Db | § 60.40b(a) | This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr). | None | [G]§ 60.49b(d) § 60.49b(o) | § 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) |
| P&S/BLR7 | EU | 60DB-BLR7 | PM | 40 CFR Part 60, Subpart Db | § 60.40b(a) | This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr). | None | [G]§ 60.49b(d) § 60.49b(o) | § 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) |
| P&S/BLR7 | EU | 60DB-BLR7 | PM (OPACITY) | 40 CFR Part 60, Subpart Db | § 60.40b(a) | This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr). | None | [G]§ 60.49b(d) § 60.49b(o) | § 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) |
| P&S/BLR7 | EU | 60DB-BLR7 | NO _x | 40 CFR Part 60, Subpart Db | § 60.44b(l)(2) § 60.44b(h) § 60.44b(i) § 60.46b(a) | Affected facilities with a low heat release rate and combusting natural gas or distillate oil in excess of 30% | § 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(3) | [G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) | § 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|--|--|--|---|--|
| | | | | | | of the heat input from the combustion of all fuels, a limit determined by use of the specified formula. | [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f) | § 60.49b(o) | § 60.49b(h) § 60.49b(i) § 60.49b(v) § 60.49b(w) |
| PRO-MMA | PRO | 63F-1 | 112(B) HAPS | 40 CFR Part 63, Subpart F | § 63.100(b) [G]§ 63.102(a) [G]§ 63.102(c) § 63.103(a) § 63.105(a) § 63.105(d) | Except as provided in paragraphs (b)(4) and (c) of this section, the provisions of subparts F, G, and H apply to chemical manufacturing process units that meet the criteria. | None | § 63.103(c) § 63.103(c)(1) § 63.103(c)(2) § 63.103(c)(2)(i) § 63.103(c)(2)(ii) § 63.103(c)(3) [G]§ 63.105(b) § 63.105(c) § 63.105(e) | [G]§ 63.103(d) |
| GRPNNN1 | EP | 6oNNN-1 | VOC/TOC | 40 CFR Part 60, Subpart NNN | § 60.662(b) § 60.18 | Each affected facility shall combust the emissions in a flare that meets the requirements of § 60.18. | § 60.663(b) § 60.663(b)(1) § 60.663(b)(2) § 60.664(a) § 60.664(d) [G]§ 60.664(e) | § 60.663(b)(2) § 60.665(b) § 60.665(b)(3) § 60.665(d) § 60.665(f) | § 60.665(a) § 60.665(b) § 60.665(b)(3) § 60.665(k) § 60.665(l) § 60.665(l)(2) § 60.665(l)(4) |
| GRPNNN2 | EP | 6oNNN-2 | VOC/TOC | 40 CFR Part 60, Subpart NNN | § 60.662(a) | Affected facilities shall reduce TOC emissions by 98 weight-percent or to a concentration of 20ppmv, whichever is less stringent. Introduce the stream into the flame zone of a boiler/process heater. | § 60.663(c) § 60.663(c)(1) § 60.663(c)(2) § 60.664(a) § 60.664(b) § 60.664(b)(1) § 60.664(b)(2) § 60.664(b)(3) [G]§ 60.664(b)(4) | § 60.663(c)(1) § 60.663(c)(2) § 60.665(b) § 60.665(b)(2) § 60.665(b)(2)(i) § 60.665(b)(2)(ii) § 60.665(c) § 60.665(c) § 60.665(c)(3) § 60.665(c)(3) § 60.665(c)(4) § 60.665(d) | § 60.665(a) § 60.665(b) § 60.665(b)(2) § 60.665(b)(2)(i) § 60.665(b)(2)(ii) § 60.665(c) § 60.665(c)(3) § 60.665(c)(4) § 60.665(k) § 60.665(l) § 60.665(l)(1) § 60.665(l)(2) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|--|--|--|--|
| GRPNNN2 | EP | 6oNNN-2A | VOC/TOC | 40 CFR Part 60, Subpart NNN | § 60.662(b) | Each affected facility shall combust the emissions in a flare that meets the requirements of § 60.18. | § 60.663(b) § 60.663(b)(1) § 60.663(b)(2) § 60.664(a) § 60.664(d) [G]§ 60.664(e) | § 60.663(b)(2) § 60.665(b) § 60.665(b)(3) § 60.665(d) § 60.665(f) | § 60.665(a) § 60.665(b) § 60.665(b)(3) § 60.665(k) § 60.665(l) § 60.665(l)(2) § 60.665(l)(4) |
| GRPNNN3 | EP | 6oNNN-3 | VOC/TOC | 40 CFR Part 60, Subpart NNN | § 60.662 § 60.662(a) | Affected facilities shall reduce TOC emissions by 98 weight-percent or to a concentration of 20ppmv, whichever is less stringent. Introduce the stream into the flame zone of a boiler/process heater. | [G]§ 60.663(c) § 60.664(a) [G]§ 60.664(b) | § 60.665(b) [G]§ 60.665(b)(2) § 60.665(c) § 60.665(c)(3) § 60.665(c)(4) § 60.665(d) | § 60.665(a) § 60.665(b) § 60.665(b)(2) § 60.665(b)(2)(i) § 60.665(c) § 60.665(c)(3) § 60.665(c)(4) § 60.665(k) § 60.665(l) § 60.665(l)(1) § 60.665(l)(2) |
| GRPNNN3 | EP | 6oNNN-4 | VOC/TOC | 40 CFR Part 60, Subpart NNN | § 60.662 § 60.662(b) | Each affected facility shall combust the emissions in a flare that meets the requirements of § 60.18. | [G]§ 60.663(b) § 60.664(d) § 60.664(e) [G]§ 60.664(e)(1) [G]§ 60.664(e)(2) § 60.664(e)(4) | § 60.665(b) § 60.665(b)(3) § 60.665(d) § 60.665(f) | § 60.665(a) § 60.665(b) § 60.665(c)(4) § 60.665(d) § 60.665(k) § 60.665(l) § 60.665(l)(2) § 60.665(l)(4) |
| ACH/BLETK | EP | 115-10 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(a)(2) § 115.122(a)(2) § 115.122(a)(2)(A) § 60.18 | No person may allow a vent gas stream to be emitted from the processes specified in §115.121(a)(2)(A)-(E), unless the vent gas stream is controlled properly in accordance with §115.122(a)(2). | [G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7) | § 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2) | None |
| ACR/ABS51 | EP | R5121 | VOC | 30 TAC Chapter 115, Vent Gas | § 115.121(a)(2) § 115.122(a)(2) | No person may allow a vent gas stream to be emitted from | [G]§ 115.125 § 115.126(1) | § 115.126 § 115.126(1) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|---|--|---|---|
| | | | | Controls | § 115.122(a)(2)(B) | the processes specified in §115.121(a)(2)(A)-(E), unless the vent gas stream is controlled properly in accordance with §115.122(a)(2). | § 115.126(1)(C) § 115.126(2) | § 115.126(1)(C) § 115.126(2) | |
| ACR/ABS51 | EP | R5121-V-5 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(a)(2) § 115.122(a)(2) § 115.122(a)(2)(B) | No person may allow a vent gas stream to be emitted from the processes specified in §115.121(a)(2)(A)-(E), unless the vent gas stream is controlled properly in accordance with §115.122(a)(2). | [G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2) | § 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2) | None |
| ACR/ABS51 | EU | 63YY-1 | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9(b)(iii) § 63.1100(g) § 63.1100(g)(2) § 63.1100(g)(2)(ii) § 63.1103(g)(3) § 63.1103(g)(5) § 63.1103(g)(5)(ii) § 63.1103(g)(5)(iii) § 63.1104(a) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) § 63.982(c) § 63.982(c)(2) § 63.988(a) § 63.988(a)(1) | Reduce emissions of total HAP from each process vent from a continuous unit operation in the process unit by 98 weight-percent or to a concentration of 20 parts per million by volume, by venting emissions through a closed vent system to any combination of control devices meeting the requirements of §63.982(c)(2) or (d). | § 63.1103(g)(5)(v) § 63.1108(b)(4) § 63.988(b) § 63.988(b)(1) § 63.988(c) § 63.988(c)(1) § 63.996(a) § 63.996(a)(1) § 63.996(a)(3) [G]§ 63.996(b) [G]§ 63.996(c) [G]§ 63.996(d) § 63.997(a) [G]§ 63.997(b) § 63.997(c) § 63.997(c)(1) § 63.997(c)(1)(ii) § 63.997(c)(2) [G]§ 63.997(c)(3) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) | [G]§ 63.998(d)(3) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) § 63.996(c)(2)(ii) § 63.998(a) § 63.998(a)(2) § 63.998(a)(2)(i) § 63.998(a)(2)(ii) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B) § 63.998(a)(2)(ii)(B)(1)) § 63.998(a)(2)(ii)(B)(4)) [G]§ 63.998(b) § 63.998(c) | [G]§ 63.1110 [G]§ 63.1111(b) [G]§ 63.1112(d) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) § 63.999(a) [G]§ 63.999(a)(1) § 63.999(a)(2) § 63.999(a)(2)(i) § 63.999(a)(2)(ii) § 63.999(a)(2)(iii) § 63.999(a)(2)(iii)(B) § 63.999(b) § 63.999(b)(3) § 63.999(b)(3)(i) [G]§ 63.999(b)(3)(ii) § 63.999(b)(3)(iii) § 63.999(c) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|--|--|--|--|
| | | | | | § 63.988(a)(2) | | § 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) § 63.997(e)(2)(i)(B) § 63.997(e)(2)(ii) [G]§ 63.997(e)(2)(iii) | [G]§ 63.998(c)(1) [G]§ 63.998(c)(2) § 63.998(d) § 63.998(d)(5) | § 63.999(c)(6)(iv) [G]§ 63.999(d) |
| ACR/SMPCS | EP | R5127 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2) | A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1). | [G]§ 115.125 § 115.126(2) | § 115.126 § 115.126(2) § 115.126(4) | None |
| ACR/TOU51 | EP | R1111-C-1 | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(1)(C) § 111.111(a)(1)(E) | Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed. | [G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary | None | None |
| ACR-INC60 | EP | R1111-C-1 | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(1)(C) § 111.111(a)(1)(E) | Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed. | [G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary | None | None |
| ACR-INC60 | EP | R5121-V-1 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(a)(2) § 115.122(a)(2) § 115.122(a)(2)(B) | No person may allow a vent gas stream to be emitted from the processes specified in §115.121(a)(2)(A)-(E), unless the vent gas stream is controlled properly in | [G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2) | § 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|--|---|--|--|
| | | | | | | accordance with §115.122(a)(2). | | | |
| ACR-VC51 | EP | R1111 | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(1)(C) § 111.111(a)(1)(E) | Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed. | [G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary | None | None |
| GRPACHVNT | EP | 115-7 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(a)(2) § 115.122(a)(2) § 115.122(a)(2)(A) § 60.18 | No person may allow a vent gas stream to be emitted from the processes specified in §115.121(a)(2)(A)-(E), unless the vent gas stream is controlled properly in accordance with §115.122(a)(2). | [G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7) | § 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2) | None |
| GRPMMAVNT | EP | 115-6 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(a)(2) § 115.122(a)(2) § 115.122(a)(2)(B) | No person may allow a vent gas stream to be emitted from the processes specified in §115.121(a)(2)(A)-(E), unless the vent gas stream is controlled properly in accordance with §115.122(a)(2). | [G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2) | § 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2) | None |
| GRPMMAVNT | EP | 115-6A | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(a)(2) § 115.122(a)(2) § 115.122(a)(2)(A) § 60.18 | No person may allow a vent gas stream to be emitted from the processes specified in §115.121(a)(2)(A)-(E), unless the vent gas stream is controlled properly in accordance with §115.122(a)(2). | [G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7) | § 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|--|--|---|---|---|
| HCN/CVS | EU | 63YY-8 | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9.b.1.iii § 63.1103(g)(3) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) § 63.982(c) § 63.983(a) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d) § 63.983(d)(1)(i) § 63.983(d)(2)(i) § 63.983(d)(2)(ii) § 63.983(d)(3) | For a process vent from a continuous unit operations in an Andrusow, BMA, or Sohio hydrogen cyanide process unit, reduce emissions of total HAP from each process vent by 98 % by wt. or to a concentration 20 ppmv by venting emissions through a closed vent system to any combination of control devices meeting the requirements of §63.982(c)(2) or(d). | § 63.1103(g)(5)(v) § 63.1108(b)(4) § 63.983(b) § 63.983(b)(1) [G]§ 63.983(b)(1)(i) § 63.983(b)(2) [G]§ 63.983(b)(3) § 63.983(c) § 63.983(c)(1) § 63.983(c)(1)(i) § 63.983(c)(1)(ii) § 63.983(c)(1)(iii) § 63.983(c)(1)(iv) [G]§ 63.983(c)(1)(v) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.983(d)(2) | § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) § 63.983(d)(2) § 63.998(d) § 63.998(d)(1) § 63.998(d)(1)(i) [G]§ 63.998(d)(1)(iii) § 63.998(d)(1)(iv) [G]§ 63.998(d)(3) | [G]§ 63.1110 [G]§ 63.1111(b) [G]§ 63.1112(d) § 63.999(c)(1) § 63.999(c)(2) § 63.999(c)(2)(i) |
| MMA/LAB | EP | 115-8 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2) | A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1). | [G]§ 115.125 § 115.126(2) | § 115.126 § 115.126(2) § 115.126(4) | None |
| PRO-MAA | EP | R5121-1 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(a)(2) § 115.122(a)(2) § 115.122(a)(2)(B) | No person may allow a vent gas stream to be emitted from the processes specified in §115.121(a)(2)(A)-(E), unless the vent gas stream is controlled properly in accordance with §115.122(a)(2). | [G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2) | § 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|--|---|--|--|
| PRO-MAA | EP | R5121-1A | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(a)(2) § 115.122(a)(2) § 115.122(a)(2)(A) § 60.18 | No person may allow a vent gas stream to be emitted from the processes specified in §115.121(a)(2)(A)-(E), unless the vent gas stream is controlled properly in accordance with §115.122(a)(2). | [G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2) § 115.126(7) | § 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2) | None |
| SAR-SARSTK | EP | 111-3 | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(1)(C) § 111.111(a)(1)(E) | Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed. | [G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary | None | None |
| SIT/BIOOX | EP | R5121PV-1 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2) | A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1). | [G]§ 115.125 § 115.126(2) | § 115.126 § 115.126(2) § 115.126(4) | None |
| SIT/BIOOX | EP | R5121PV-1 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2) | A vent gas stream specified in § 115.121(a)(1) of this title with a concentration of VOC < 612 ppmv is exempt from § 115.121(a)(1). | [G]§ 115.125 § 115.126(2) | § 115.126 § 115.126(2) § 115.126(4) | None |
| ACH/CBFLR | EU | 111-1 | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(4)(A) | Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a). | § 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii) | § 111.111(a)(4)(A)(ii) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|--|--|--|--|--|
| ACH/CBFLR | CD | 60A-1 | OPACITY | 40 CFR Part 60, Subpart A | § 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e) | Flares shall comply with paragraphs (c)-(f) of § 60.18. | § 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4) | None | None |
| ACR/FLR57 | EU | R1111-F-1 | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(4)(A) | Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a). | § 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii) | § 111.111(a)(4)(A)(ii) | None |
| ACR/FLR57 | CD | 63A-F-1 | OPACITY | 40 CFR Part 63, Subpart A | § 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i) | Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used. | § 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i) | None | None |
| ACR-FLR59 | EU | R1111-1 | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(4)(A) | Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a). | § 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii) | § 111.111(a)(4)(A)(ii) | None |
| ACR-FLR59 | CD | 60A-F-1 | OPACITY | 40 CFR Part 60, Subpart A | § 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e) | Flares shall comply with paragraphs (c)-(f) of § 60.18. | § 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4) | None | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|--|--|---|--|--|
| ACR-FLR59 | CD | 63A-F-1 | OPACITY | 40 CFR Part 63, Subpart A | § 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i) | Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used. | § 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i) | None | None |
| MMA/DKFL | EU | 111-2 | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(4)(A) | Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a). | § 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii) | § 111.111(a)(4)(A)(ii) | None |
| MMA/DKFL | CD | 60A-2 | OPACITY | 40 CFR Part 60, Subpart A | § 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e) | Flares shall comply with paragraphs (c)-(f) of § 60.18. | § 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4) | None | None |
| MMA/PFL | EU | R111 | OPACITY | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(4)(A) | Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a). | § 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii) | § 111.111(a)(4)(A)(ii) | None |
| ACH/CVS | EU | 60VV-1 | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-10(g) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) § 60.482-10(h) § 60.482-10(m) | Leaks, as indicated by the specified instrument or by visual inspections, shall be repaired as soon as practicable except as provided in § 60.482-10(h). § 60.482-10(g)(1)-(2) | [G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) | [G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|--|--|--|--|
| ACH/CVS | EU | 60VV-1 | VOC | 40 CFR Part 60, Subpart VV | § 60.482-10(d) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) § 60.482-10(m) | Flares used to comply with this subpart shall comply with the requirements of §60.18. | § 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g) | [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) |
| ACH/FPRCBL | EU | 115-1 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) | No process drains, contacting a process fluid with a TVP >0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| ACH/FPRCBL | EU | 115-1 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(6) § 115.352(7) § 115.352(9) § 115.357(12) § 115.357(8) | No pressure relief valves (gaseous service), contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, longer than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(8) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | [G]§ 115.354(7) |
| ACH/FPRCBL | EU | 115-1 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) | No valves, rated less than or equal to 10,000 psig and contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(8) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | [G]§ 115.354(7) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|--|--|--|--|
| | | | | | § 115.357(12) § 115.357(8) | | | | |
| ACH/FPRCBL | EU | 115-1 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8) | No flanges, contacting a process fluid with a TVP >0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| ACH/FPRCBL | EU | 115-1 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) | No pump seal, equipped with a shaft seal system, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | [G]§ 115.355 | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| ACH/FPRCBL | EU | 115-1 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(8) | No pump seals, contacting a process fluid with a TVP >0.044 psia and not equipped with a shaft seal system, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| ACH/FPRCBL | EU | 115-1 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(2) § 115.352(9) | Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C). | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |
| ACH/FPRCBL | EU | 60VV-2 | VOC | 40 CFR Part 60, Subpart VV | § 60.482-1(d) | Equipment that is in vacuum service is excluded from the requirements of §60.482-2 to | None | § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|--|--|---|--|---|
| | | | | | | §60.482-10, if it is identified as required in §60.486(e)(5). | | | |
| ACH/FPRCBL | EU | 60VV-2 | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-2 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9 | Pumps in light liquid service shall comply with the requirements outlined in § 60.482-2(a)-(f). | [G]§ 60.482-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) | [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) |
| ACH/FPRCBL | EU | 60VV-2 | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-6 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9 | Open-ended valves or lines shall comply with the requirements outlined in § 60.482-6(a)-(c). | § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) | [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) |
| ACH/FPRCBL | EU | 60VV-2 | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-7 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 | Valves in gas/vapor service and in light liquid service shall comply with the requirements outlined in § 60.482-7(a)-(h). | [G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) | [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(g) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e) |
| ACH/FPRCBL | EU | 60VV-2 | VOC | 40 CFR Part 60, Subpart VV | § 60.482-4(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(b)(1) § 60.482-4(b)(2) § 60.482-4(d)(1) § 60.482-4(d)(2) [G]§ 60.482-9 | Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background. | § 60.482-4(b)(1) § 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) | [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) |
| ACH/FPRCBL | EU | 60VV-2 | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-8 § 60.482-1(a) | Pressure relief devices in light-liquid service shall | [G]§ 60.482-8 § 60.485(a) | [G]§ 60.486(a) [G]§ 60.486(b) | § 60.487(a) [G]§ 60.487(b) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|---|---|---|--|
| | | | | | § 60.482-1(b) [G]§ 60.482-9 | comply with the requirements of §60.482-8(a)-(d). | [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) | [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) | [G]§ 60.487(c) § 60.487(e) |
| ACH/FPRCBL | EU | 60VV-2 | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-8 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9 | Pressure relief devices in heavy liquid service shall comply with the requirements of §60.482-8(a)-(d). | [G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) | [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) |
| ACH/FPRCBL | EU | 60VV-2 | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-8 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9 | Flanges and other connectors shall comply with the requirements of §60.482-8(a)-(d). | [G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) | [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) |
| ACH/FPRCBL | EU | 60VV-2 | VOC | 40 CFR Part 60, Subpart VV | [G]§ 60.482-5 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-9 | Sampling connection systems shall be in compliance with the requirements outlined in § 60.482-5(a)-(c). | § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) | [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) § 115.357(1) | No process drains, contacting a process fluid with a TVP less than or equal to 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) | No process drains, contacting a process fluid with a TVP >0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|---|--|--|--|
| | | | | | | | | § 115.356(3)(B) § 115.356(4) | |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(6) § 115.352(7) § 115.352(9) § 115.357(1) § 115.357(12) | No pressure relief valves (gaseous service), contacting a process fluid with a TVP less than or equal to 0.044 psia, shall be allowed to have a VOC leak, longer than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(8) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | [G]§ 115.354(7) |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(6) § 115.352(7) § 115.352(9) § 115.357(12) § 115.357(8) | No pressure relief valves (gaseous service), contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, longer than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(8) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | [G]§ 115.354(7) |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(6) § 115.352(7) § 115.352(9) § 115.357(1) § 115.357(12) | No open-ended valves or lines, in an emergency shutdown system or containing materials that would autocatalytically polymerize or would present an explosion, serious overpressure, or other safety hazard if capped or equipped with a double block and bleed system, and contacting a | § 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(8) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | [G]§ 115.354(7) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|--|--|--|--|
| | | | | | | process fluid with a TVP < 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | | | |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) | No open-ended valves or lines, in an emergency shutdown system or containing materials that would autocatalytically polymerize or would present an explosion, serious overpressure, or other safety hazard if capped or equipped with a double block and bleed system, and contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(8) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | [G]§ 115.354(7) |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(12) | No open-ended valves or lines, rated > 10,000 psig and contacting a process fluid with a TVP less than or equal to 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(8) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | [G]§ 115.354(7) |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & | § 115.352(1)(A) § 115.352(1) § 115.352(2) | No open-ended valves or lines, rated 10,000 psig or greater and contacting a | § 115.354(1) § 115.354(10) § 115.354(2) | § 115.352(7) § 115.354(10) § 115.356 | [G]§ 115.354(7) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|---|--|--|--|
| | | | | Petrochemicals | § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) | process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(8) § 115.354(9) [G]§ 115.355 | [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(12) | No open-ended valves or lines, rated less than or equal to 10,000 psig and contacting a process fluid with a TVP less than or equal to 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(8) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | [G]§ 115.354(7) |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) | No open-ended valves or lines, rated less than or equal to 10,000 psig and contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(8) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | [G]§ 115.354(7) |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) | No valves, rated 10,000 psig or greater and contacting a process fluid with a TVP less than or equal to 0.044 psia, shall be allowed to have a | § 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) | [G]§ 115.354(7) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|---|--|---|--|
| | | | | | § 115.352(3) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(12) | VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(8) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) | No valves, rated 10,000 psig or greater and contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(8) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | [G]§ 115.354(7) |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(12) | No valves, rated less than or equal to 10,000 psig and contacting a process fluid with a TVP less than or equal to 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(8) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | [G]§ 115.354(7) |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(12) | No valves, rated less than or equal to 10,000 psig and contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(8) § 115.354(9) § 115.354(9) | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(3)(B) | [G]§ 115.354(7) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|---|--|--|--|
| | | | | | § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) | concentration. | [G]§ 115.355 | § 115.356(4) | |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(12) | No flanges, contacting a process fluid with a TVP of 0.044 psia or less, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8) | No flanges, contacting a process fluid with a TVP >0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) | No compressor seal, contacting a process fluid with a TVP of 0.044 psia or less, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) | No compressor seal, in hydrogen service or equipped with a shaft seal system, shall be allowed to have a VOC leak, for more than 15 days | [G]§ 115.355 | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|---|---|--|--|
| | | | | | § 115.352(3) § 115.352(5) § 115.352(7) | after discovery, exceeding the specified VOC concentration. | | § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(8) | No compressor seals, contacting a process fluid with a TVP >0.044 psia, not in hydrogen service or not equipped with a shaft seal, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) | No pump seals, contacting a process fluid with a TVP of 0.044 psia or less, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) | No pump seal, equipped with a shaft seal system, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | [G]§ 115.355 | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) | No pump seals, contacting a process fluid with a TVP >0.044 psia and not equipped with a shaft seal system, shall be allowed to have a VOC leak, for more than 15 days | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|---|---|-------------------------------------|--|--|
| | | | | | § 115.352(5) § 115.352(7) § 115.357(8) | after discovery, exceeding the specified VOC concentration. | [G]§ 115.355 | § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(6) | Components at a petroleum refinery or synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process, that contact a process fluid that contains less than 10% VOC by weight and components at a natural gas/gasoline processing operation that contact a process fluid that contains less than 1.0% VOC by weight are exempt from the requirements of this division except §115.356(3)(C) of this title. | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(5) | Reciprocating compressors and positive displacement pumps used in natural gas/gasoline processing operations are exempt from the requirements of this division except §115.356(3)(C) of this title. | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(2) § 115.352(9) | Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C). | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(10) | Instrumentation systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet 40 CFR §63.169 (June 20, 1996) are exempt from the | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|----------------|-------------|--|---|--|--|---|---|
| | | | | | | requirements of this division except §115.356(3)(C) of this title. | | | |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(11) | Sampling connection systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR §63.166(a) and (b) (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title. | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |
| ACR/HCNFUG | EU | R5352ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(13) | Components/systems that contact a process fluid containing VOC having a true vapor pressure equal to or less than 0.002 psia at 68 degrees Fahrenheit are exempt from the requirements of this division except §115.356(3)(C) of this title. | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |
| ACR/HCNFUG | EU | 63YY-7 (CONGL) | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9.i.1.i § 63.1022(a) § 63.1022(b) § 63.1022(b)(1) § 63.1022(c) § 63.1022(d) § 63.1022(d)(1) § 63.1024(a) § 63.1024(c) § 63.1024(c)(1) § 63.1024(c)(2) § 63.1024(d) § 63.1024(d)(1) § 63.1024(d)(2) | For instrumentation systems containing or contacting hydrogen cyanide, comply with subpart UU and §63.1103(g)(5), with exceptions as specified in Table 9.i.1.i. | § 63.1022(c) § 63.1023(a) § 63.1023(a)(1) § 63.1023(a)(1)(iii) [G]§ 63.1023(b) [G]§ 63.1023(c) § 63.1023(e) § 63.1023(e)(1) § 63.1025(b) § 63.1025(b)(1) § 63.1025(b)(2) § 63.1025(b)(3) § 63.1025(b)(3)(i) § 63.1025(b)(3)(ii) § 63.1025(b)(3)(iii) | § 63.1023(e)(2) [G]§ 63.1024(f) § 63.1027(b)(3)(v) § 63.1038(a) § 63.1038(b) § 63.1038(b)(6) § 63.1038(b)(7) § 63.1038(c)(3) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) | § 63.1039(a) [G]§ 63.1039(a)(1) § 63.1039(b) § 63.1039(b)(1) § 63.1039(b)(2) § 63.1039(b)(8) [G]§ 63.1110(a) [G]§ 63.1110(b) § 63.1110(c) § 63.1110(c)(1) § 63.1110(c)(2) § 63.1110(c)(3) § 63.1110(c)(5) § 63.1110(c)(6) § 63.1110(c)(7) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|---|---|--|
| | | | | | [G]§ 63.1024(d)(3) § 63.1024(e) § 63.1027(a) § 63.1027(c) § 63.1027(d) § 63.1027(e) § 63.1100(g) § 63.1100(g)(5) § 63.1103(g)(3) § 63.1103(g)(5) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) | | § 63.1025(b)(3)(iv) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(b)(4) | [G]§ 63.1112(d) | [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(b) [G]§ 63.1112(d) |
| ACR/HCNFUG | EU | 63YY-7 (CVS) | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9.i.1.i § 63.1022(a) § 63.1022(b) § 63.1022(d) § 63.1022(d)(1) § 63.1024(a) § 63.1024(c) § 63.1024(c)(2) § 63.1024(d) § 63.1024(d)(1) § 63.1024(d)(2) § 63.1034(a) § 63.1034(b) | For flares controlling emissions from fugitive components containing or contacting hydrogen cyanide, comply with subpart UU and §63.1103(g)(5), with exceptions as specified in Table 9.i.1.i. | § 63.1023(a) [G]§ 63.1023(b) [G]§ 63.1023(c) § 63.1023(e) § 63.1023(e)(1) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(b)(4) § 63.983(b) § 63.983(b)(1) [G]§ 63.983(b)(1)(i) § 63.983(b)(2) | § 63.1023(e)(2) [G]§ 63.1024(f) § 63.1038(a) § 63.1038(b) § 63.1038(b)(6) § 63.1038(b)(7) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) | § 63.1039(a) [G]§ 63.1039(a)(1) § 63.1039(b) § 63.1039(b)(2) § 63.1039(b)(8) [G]§ 63.1110(a) [G]§ 63.1110(b) § 63.1110(c) § 63.1110(c)(1) § 63.1110(c)(2) § 63.1110(c)(3) § 63.1110(c)(5) § 63.1110(c)(6) § 63.1110(c)(7) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|----------------|-------------|---------------------------------------|---|---|--|--|---|
| | | | | | § 63.1034(b)(2) § 63.1034(b)(2)(iii) § 63.1100(g) § 63.1100(g)(5) § 63.1103(g)(3) § 63.1103(g)(5) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) § 63.982(b) § 63.983(a) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d) § 63.983(d)(1)(i) § 63.983(d)(2)(i) § 63.983(d)(2)(ii) § 63.983(d)(3) | | [G]§ 63.983(b)(3) § 63.983(c) § 63.983(c)(1) § 63.983(c)(1)(i) § 63.983(c)(1)(ii) § 63.983(c)(1)(iii) § 63.983(c)(1)(iv) [G]§ 63.983(c)(1)(v) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.983(d)(2) | § 63.983(d)(2) § 63.998(d) § 63.998(d)(1) § 63.998(d)(1)(i) [G]§ 63.998(d)(1)(iii) § 63.998(d)(1)(iv) | [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(b) [G]§ 63.1112(d) § 63.999(c) § 63.999(c)(1) § 63.999(c)(2) § 63.999(c)(2)(i) |
| ACR/HCNFUG | EU | 63YY-7 (FLARE) | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9.i.1.i § 63.1022(a) § 63.1022(b) § 63.1022(d) § 63.1022(d)(1) § 63.1024(a) § 63.1024(c) § 63.1024(c)(2) | | § 63.1103(g)(5)(iv) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(b)(4) § 63.987(b) § 63.987(b)(1) [G]§ 63.987(b)(3) | § 63.1023(e)(2) [G]§ 63.1024(f) § 63.1038(a) § 63.1038(b) § 63.1038(b)(6) § 63.1038(b)(7) § 63.1109(a) § 63.1109(b) § 63.1109(c) | § 63.1039(a) [G]§ 63.1039(a)(1) § 63.1039(b) § 63.1039(b)(2) § 63.1039(b)(8) [G]§ 63.1110(a) [G]§ 63.1110(b) § 63.1110(c) § 63.1110(c)(1) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|--|--|--|--|---|
| | | | | | § 63.1024(d) § 63.1024(d)(1) § 63.1024(d)(2) § 63.1100(g) § 63.1100(g)(5) § 63.1103(g)(3) § 63.1103(g)(5) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) § 63.987(a) | | § 63.987(c) § 63.996(a)(2) § 63.996(a)(3) § 63.997(a) [G]§ 63.997(b) § 63.997(c) § 63.997(c)(1) § 63.997(c)(1)(ii) § 63.997(c)(2) [G]§ 63.997(c)(3) | [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) § 63.987(b) § 63.987(b)(1) § 63.998(a) [G]§ 63.998(a)(1) [G]§ 63.998(b) [G]§ 63.998(d)(3) [G]§ 63.998(d)(4) | § 63.1110(c)(2) § 63.1110(c)(3) § 63.1110(c)(5) § 63.1110(c)(6) § 63.1110(c)(7) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(b) [G]§ 63.1112(d) § 63.987(b) § 63.987(b)(1) § 63.999(a) [G]§ 63.999(a)(1) § 63.999(a)(2) § 63.999(a)(2)(i) § 63.999(a)(2)(ii) § 63.999(a)(2)(iii) § 63.999(a)(2)(iii)(A) § 63.999(a)(2)(iii)(B) § 63.999(c)(3) |
| ACR/HCNFUG | EU | 63YY-7 (IS) | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9.i.1.i § 63.1022(a) § 63.1022(b) § 63.1022(b)(4) § 63.1022(d) § 63.1022(d)(1) § 63.1024(a) § 63.1024(c) § 63.1024(c)(2) § 63.1024(d) § 63.1024(d)(1) § 63.1024(d)(2) § 63.1029(a) § 63.1029(c) § 63.1100(g) | For sampling connection systems containing or contacting hydrogen cyanide, comply with subpart UU and §63.1103(g)(5), with exceptions as specified in Table 9.i.1.i. | § 63.1023(a) [G]§ 63.1023(b) [G]§ 63.1023(c) § 63.1023(e) § 63.1023(e)(1) § 63.1029(b) § 63.1029(b)(1) § 63.1029(b)(2) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(b)(4) | § 63.1022(b)(4) § 63.1023(e)(2) [G]§ 63.1024(f) § 63.1038(a) § 63.1038(b) § 63.1038(b)(6) § 63.1038(b)(7) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) | § 63.1039(a) [G]§ 63.1039(a)(1) § 63.1039(b) § 63.1039(b)(2) § 63.1039(b)(8) [G]§ 63.1110(a) [G]§ 63.1110(b) § 63.1110(c) § 63.1110(c)(1) § 63.1110(c)(2) § 63.1110(c)(3) § 63.1110(c)(5) § 63.1110(c)(6) § 63.1110(c)(7) [G]§ 63.1110(d) [G]§ 63.1110(e) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|----------------|-------------|---------------------------------------|---|--|--|--|---|
| | | | | | § 63.1100(g)(5) § 63.1103(g)(3) § 63.1103(g)(5) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) | | | [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(b) [G]§ 63.1112(d) | |
| ACR/HCNFUG | EU | 63YY-7 (PRVGV) | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9.i.1.i § 63.1022(a) § 63.1022(b) § 63.1022(b)(2) § 63.1022(d) § 63.1022(d)(1) § 63.1024(a) § 63.1024(c) § 63.1024(c)(2) § 63.1024(d) § 63.1024(d)(1) § 63.1024(d)(2) § 63.1030(a) § 63.1030(b) § 63.1030(c) § 63.1030(c)(1) § 63.1030(d) § 63.1100(g) § 63.1100(g)(5) § 63.1103(g)(3) | For closed vent systems containing or contacting hydrogen cyanide, comply with subpart UU and §63.1103(g)(5), with exceptions as specified in Table 9.i.1.i. | § 63.1023(a) § 63.1023(a)(1)(v) [G]§ 63.1023(b) [G]§ 63.1023(c) § 63.1023(e) § 63.1023(e)(1) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(b)(4) | § 63.1023(e)(2) [G]§ 63.1024(f) § 63.1030(c)(3) § 63.1038(a) § 63.1038(b) § 63.1038(b)(6) § 63.1038(b)(7) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) | § 63.1039(a) [G]§ 63.1039(a)(1) § 63.1039(b) § 63.1039(b)(2) § 63.1039(b)(4) § 63.1039(b)(8) [G]§ 63.1110(a) [G]§ 63.1110(b) § 63.1110(c) § 63.1110(c)(1) § 63.1110(c)(2) § 63.1110(c)(3) § 63.1110(c)(5) § 63.1110(c)(6) § 63.1110(c)(7) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(b) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|----------------|-------------|---------------------------------------|---|--|--|---|---|
| | | | | | § 63.1103(g)(5) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) | | | | [G]§ 63.1112(d) |
| ACR/HCNFUG | EU | 63YY-7 (PULLS) | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9.i.1.i § 63.1022(a) § 63.1022(b) § 63.1022(c)(1) § 63.1022(d) § 63.1022(d)(1) § 63.1024(a) § 63.1024(c) § 63.1024(c)(2) § 63.1024(d) § 63.1024(d)(1) § 63.1024(d)(2) [G]§ 63.1024(d)(4) § 63.1026(a) § 63.1026(d) § 63.1026(e) § 63.1026(e)(1) § 63.1026(e)(1)(i) [G]§ 63.1026(e)(1)(ii) § 63.1026(e)(1)(iii) § 63.1026(e)(1)(iv) § 63.1026(e)(1)(vi) | For pumps in light liquid service containing or contacting hydrogen cyanide, comply with subpart UU and §63.1103(g)(5), with exceptions as specified in Table 9.i.1.i. | § 63.1023(a) § 63.1023(a)(1)(ii) § 63.1023(a)(2) [G]§ 63.1023(b) [G]§ 63.1023(c) § 63.1023(d) § 63.1023(e) § 63.1023(e)(1) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(b)(4) | § 63.1023(e)(2) [G]§ 63.1024(f) [G]§ 63.1035 § 63.1038(a) § 63.1038(b) § 63.1038(b)(6) § 63.1038(b)(7) [G]§ 63.1038(c)(2) [G]§ 63.1038(c)(7) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) | § 63.1039(a) [G]§ 63.1039(a)(1) § 63.1039(b) § 63.1039(b)(1) § 63.1039(b)(1)(ii) § 63.1039(b)(2) § 63.1039(b)(6) § 63.1039(b)(8) [G]§ 63.1110(a) [G]§ 63.1110(b) § 63.1110(c) § 63.1110(c)(1) § 63.1110(c)(2) § 63.1110(c)(3) § 63.1110(c)(5) § 63.1110(c)(6) § 63.1110(c)(7) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(b) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|--|---|---|
| | | | | | § 63.1026(e)(1)(viii) § 63.1026(e)(2) [G]§ 63.1035 § 63.1100(g) § 63.1100(g)(5) § 63.1103(g)(3) § 63.1103(g)(5) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) | | | [G]§ 63.1112(d) | |
| ACR/HCNFUG | EU | 63YY-7 (SCS) | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9.i.1.i § 63.1022(a) § 63.1022(b) § 63.1022(d) § 63.1022(d)(1) § 63.1024(a) § 63.1024(c) § 63.1024(c)(2) § 63.1024(d) § 63.1024(d)(1) § 63.1024(d)(2) § 63.1032(a) § 63.1032(b) § 63.1032(c) § 63.1032(c)(1) § 63.1032(d) | For pressure relief valves in gas/vapor service containing or contacting hydrogen cyanide, comply with subpart UU and §63.1103(g)(5), with exceptions as specified in Table 9.i.1.i. | § 63.1023(a) [G]§ 63.1023(b) [G]§ 63.1023(c) § 63.1023(e) § 63.1023(e)(1) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(b)(4) | § 63.1023(e)(2) [G]§ 63.1024(f) § 63.1038(a) § 63.1038(b) § 63.1038(b)(6) § 63.1038(b)(7) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) | § 63.1039(a) [G]§ 63.1039(a)(1) § 63.1039(b) § 63.1039(b)(2) § 63.1039(b)(8) [G]§ 63.1110(a) [G]§ 63.1110(b) § 63.1110(c) § 63.1110(c)(1) § 63.1110(c)(2) § 63.1110(c)(3) § 63.1110(c)(5) § 63.1110(c)(6) § 63.1110(c)(7) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|----------------|-------------|---------------------------------------|---|--|--|--|---|
| | | | | | § 63.1100(g) § 63.1100(g)(5) § 63.1103(g)(3) § 63.1103(g)(5) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) | | | | [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(b) [G]§ 63.1112(d) |
| ACR/HCNFUG | EU | 63YY-7 (VALGL) | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9.i.1.i § 63.1022(a) § 63.1022(b) § 63.1022(c) § 63.1022(c)(1) § 63.1022(c)(2) § 63.1022(c)(2)(i) § 63.1022(c)(2)(i)(B) § 63.1022(d) § 63.1022(d)(1) § 63.1024(a) § 63.1024(c) § 63.1024(c)(2) § 63.1024(d) § 63.1024(d)(1) § 63.1024(d)(2) [G]§ 63.1024(d)(3) § 63.1024(d)(5) § 63.1025(a) | For valves in gas/vapor or light liquid service containing or contacting hydrogen cyanide, comply with subpart UU and §63.1103(g)(5), with exceptions as specified in Table 9.i.1.i. | § 63.1023(a) § 63.1023(a)(1)(i) [G]§ 63.1023(b) [G]§ 63.1023(c) § 63.1023(e) § 63.1023(e)(1) § 63.1025(a)(2) § 63.1025(b) § 63.1025(b)(1) § 63.1025(b)(2) [G]§ 63.1025(b)(3) [G]§ 63.1025(c) [G]§ 63.1025(d)(2) § 63.1025(e)(1) § 63.1025(e)(2) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(b)(4) | § 63.1023(e)(2) [G]§ 63.1024(f) § 63.1038(a) § 63.1038(b) § 63.1038(b)(6) § 63.1038(b)(7) § 63.1038(c)(1) § 63.1038(c)(1)(i) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) | § 63.1039(a) [G]§ 63.1039(a)(1) § 63.1039(b) § 63.1039(b)(1) § 63.1039(b)(1)(i) § 63.1039(b)(2) § 63.1039(b)(5) § 63.1039(b)(8) [G]§ 63.1110(a) [G]§ 63.1110(b) § 63.1110(c) § 63.1110(c)(1) § 63.1110(c)(2) § 63.1110(c)(3) § 63.1110(c)(5) § 63.1110(c)(6) § 63.1110(c)(7) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|---|---|--|--|--|
| | | | | | § 63.1025(a)(1) § 63.1025(d) § 63.1025(d)(1) § 63.1100(g) § 63.1100(g)(5) § 63.1103(g)(3) § 63.1103(g)(5) § 63.1107(a) § 63.1107(b) § 63.1107(c) § 63.1107(d) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) | | | [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(b) [G]§ 63.1112(d) | |
| FMONO | EU | 115-2 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) | No process drains, contacting a process fluid with a TVP >0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| FMONO | EU | 115-2 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) | No pressure relief valves (gaseous service), contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, longer than 15 days after discovery, exceeding the | [G]§ 115.354(1) § 115.354(10) § 115.354(2)(D) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) | [G]§ 115.354(7) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|--|---|--|--|
| | | | | | § 115.352(6) § 115.352(7) § 115.352(9) § 115.357(12) § 115.357(8) | specified VOC concentration. | § 115.354(9) [G]§ 115.355 | § 115.356(3)(B) § 115.356(4) | |
| FMONO | EU | 115-2 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) | No open-ended valves or lines, rated less than or equal to 10,000 psig and contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | [G]§ 115.354(1) § 115.354(10) § 115.354(2)(C) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | [G]§ 115.354(7) |
| FMONO | EU | 115-2 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) | No valves, rated less than or equal to 10,000 psig and contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | [G]§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(8) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | [G]§ 115.354(7) |
| FMONO | EU | 115-2 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8) | No flanges, contacting a process fluid with a TVP >0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|--|--|--|--|
| | | | | | § 115.357(8) | | | § 115.356(4) | |
| FMONO | EU | 115-2 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) | No compressor seal, in hydrogen service or equipped with a shaft seal system, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | [G]§ 115.355 | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| FMONO | EU | 115-2 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) | No pump seal, equipped with a shaft seal system, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | [G]§ 115.355 | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| FMONO | EU | 115-2 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(8) | No pump seals, contacting a process fluid with a TVP >0.044 psia and not equipped with a shaft seal system, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration. | § 115.354(10) § 115.354(2)(B) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(4) | None |
| FMONO | EU | 115-2 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(2) § 115.352(9) | Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C). | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |
| FMONO | EU | 115-2 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(10) | Instrumentation systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet 40 CFR §63.169 (June 20, | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|--|---|--|--|---|--|
| | | | | | | 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title. | | | |
| FMONO | EU | 115-2 | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(11) | Sampling connection systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR §63.166(a) and (b) (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title. | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |
| FMONO | EU | 63H-1 | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.162(e) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) | Equipment that is in organic HAP service less than 300 hours per year is excluded from the requirements of §§63.163 - 63.174 and §63.178 if it is identified as required in §63.181(j). | § 63.180(a) [G]§ 63.180(d) | § 63.181(a) [G]§ 63.181(b) § 63.181(j) | § 63.182(a) § 63.182(a)(1) § 63.182(a)(2) § 63.182(a)(3) § 63.182(b) [G]§ 63.182(b)(1) § 63.182(b)(2) § 63.182(b)(2)(i) |
| FMONO | EU | 63H-1 | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.164(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) § 63.164(b) § 63.164(b)(1) § 63.164(c) § 63.164(d) § 63.164(e)(2) § 63.164(f) [G]§ 63.164(g) [G]§ 63.171 | Each compressor shall be equipped with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided in §63.162(b) of this subpart and paragraphs (h) and (i) of this section. | § 63.164(d) § 63.164(e)(1) § 63.180(a) [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) | § 63.164(d) § 63.164(d)(1) § 63.164(d)(2) § 63.164(d)(3) § 63.164(d)(4) [G]§ 63.164(d)(5) § 63.164(d)(6) § 63.164(d)(9) § 63.181(a) § 63.181(b) § 63.181(b)(1)(i) § 63.181(b)(1)(iii) § 63.181(b)(10) [G]§ 63.181(b)(6) § 63.181(c) | § 63.164(b)(2) § 63.164(b)(2)(i) § 63.182(a) § 63.182(a)(1) § 63.182(a)(2) § 63.182(a)(3) § 63.182(b) [G]§ 63.182(b)(1) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) § 63.182(d) § 63.182(d)(1) § 63.182(d)(2) § 63.182(d)(2)(v) § 63.182(d)(2)(vi) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|---|--|--|---|
| | | | | | | | | | § 63.182(d)(2)(xiii) § 63.182(d)(4) |
| FMONO | EU | 63H-1 | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.165 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 | Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d) | § 63.165(a) [G]§ 63.165(b) [G]§ 63.165(d) § 63.180(a) [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) | § 63.181(a) § 63.181(b) § 63.181(b)(1)(i) § 63.181(b)(1)(iii) § 63.181(b)(3)(i) § 63.181(b)(3)(ii) § 63.181(b)(i) § 63.181(b)(iii) § 63.181(c) [G]§ 63.181(f) | § 63.182(a) § 63.182(a)(1) § 63.182(a)(2) § 63.182(a)(3) [G]§ 63.182(b)(1) § 63.182(b)(2) § 63.182(b)(2)(i) § 63.182(c)(1) § 63.182(c)(4) § 63.182(d) § 63.182(d)(1) § 63.182(d)(2) § 63.182(d)(2)(xiii) § 63.182(d)(2)(xiv) § 63.182(d)(4) |
| FMONO | EU | 63H-1 | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.166(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) § 63.166(b) § 63.166(b)(1) § 63.166(b)(2) § 63.166(c) [G]§ 63.171 | Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system, except as provided in §63.162(b) of this subpart. Gases displaced during filling of the sample container are not required to be collected or captured. | § 63.180(a) [G]§ 63.180(b) [G]§ 63.180(d) | § 63.181(a) § 63.181(b) § 63.181(b)(1)(i) § 63.181(b)(1)(iii) | § 63.182(a) § 63.182(a)(1) § 63.182(a)(2) § 63.182(a)(3) § 63.182(b) [G]§ 63.182(b)(1) § 63.182(b)(2) § 63.182(b)(2)(i) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) § 63.182(d) § 63.182(d)(1) § 63.182(d)(4) |
| FMONO | EU | 63H-1 | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) | Standards: Instrumentation systems. §63.169(a)-(d) | [G]§ 63.169 § 63.180(a) [G]§ 63.180(b) [G]§ 63.180(c) | § 63.181(a) § 63.181(b) § 63.181(b)(1) § 63.181(b)(1)(i) | § 63.182(a) § 63.182(a)(1) § 63.182(a)(2) § 63.182(a)(3) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|----------------|---------------------------------------|--|--|---|--|---|
| | | | | | [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 | | [G]§ 63.180(d) | § 63.181(b)(1)(iii) § 63.181(b)(10) § 63.181(b)(4) § 63.181(c) § 63.181(d) § 63.181(d)(1) § 63.181(d)(2) § 63.181(d)(3) § 63.181(d)(4) [G]§ 63.181(d)(5) § 63.181(d)(6) § 63.181(d)(9) | § 63.182(b) [G]§ 63.182(b)(1) § 63.182(b)(2) § 63.182(b)(2)(i) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) § 63.182(d) § 63.182(d)(1) § 63.182(d)(2) § 63.182(d)(2)(xiii) § 63.182(d)(4) |
| FMONO | EU | 63H-1 | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 | Standards: Pressure relief devices in liquid service. §63.169(a)-(d) | [G]§ 63.169 § 63.180(a) [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) | § 63.181(a) § 63.181(b) § 63.181(b)(1) § 63.181(b)(1)(i) § 63.181(b)(1)(iii) § 63.181(b)(10) § 63.181(b)(4) § 63.181(c) § 63.181(d) § 63.181(d)(1) § 63.181(d)(2) § 63.181(d)(3) § 63.181(d)(4) [G]§ 63.181(d)(5) § 63.181(d)(6) § 63.181(d)(9) | § 63.182(a) § 63.182(a)(1) § 63.182(a)(2) § 63.182(a)(3) § 63.182(b) [G]§ 63.182(b)(1) § 63.182(b)(2) § 63.182(b)(2)(i) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) § 63.182(d) § 63.182(d)(1) § 63.182(d)(2) § 63.182(d)(2)(xiii) § 63.182(d)(4) |
| FMONO | EU | 63H-1 | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.173(a)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 § 63.173(a)(2) § 63.173(b)(1) § 63.173(b)(2) | Each agitator shall be monitored monthly to detect leaks by the methods specified in §63.180(b) of this subpart, except as provided in §63.162(b) of this subpart. | [G]§ 63.173(a) [G]§ 63.173(b) § 63.180(a) [G]§ 63.180(b) [G]§ 63.180(d) | § 63.181(a) § 63.181(b) § 63.181(b)(1) § 63.181(b)(1)(i) § 63.181(b)(1)(iii) § 63.181(b)(10) § 63.181(c) § 63.181(d) § 63.181(d)(1) § 63.181(d)(2) | § 63.182(a) § 63.182(a)(1) § 63.182(a)(2) § 63.182(a)(3) § 63.182(b) [G]§ 63.182(b)(1) § 63.182(b)(2) § 63.182(b)(2)(i) § 63.182(c) [G]§ 63.182(c)(1) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|----------------|---------------------------------------|---|---|--|--|--|
| | | | | | § 63.173(c)(1) § 63.173(c)(2) | | | § 63.181(d)(3) § 63.181(d)(4) [G]§ 63.181(d)(5) § 63.181(d)(6) § 63.181(d)(9) | § 63.182(c)(4) § 63.182(d) § 63.182(d)(1) § 63.182(d)(2) § 63.182(d)(2)(vii) § 63.182(d)(2)(viii) § 63.182(d)(2)(xiii) § 63.182(d)(4) |
| FMONO | EU | 63H-1 | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.174(d) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.174(f) [G]§ 63.174(g) [G]§ 63.174(h)(1) § 63.174(h)(3) [G]§ 63.174(h)(i) | When a leak is detected from connectors in gas/vapor or light liquid service, it shall be repaired as soon as practicable, but no later than 15 calendar days after the leak is detected, except as provided in paragraph (g) of this section and in §63.171 of this subpart. A first attempt at repair shall be made no later than 5 calendar days after the leak is detected. | [G]§ 63.174(a) § 63.174(b) § 63.174(b)(1) [G]§ 63.174(b)(3) § 63.174(c)(1)(i) § 63.174(c)(1)(ii) § 63.174(c)(1)(iii) § 63.174(d) [G]§ 63.174(f) § 63.174(h)(1) § 63.174(h)(1)(ii) § 63.174(h)(1)(iii) § 63.174(h)(1)(iv) § 63.174(h)(1)(v) § 63.174(h)(1)(vi) § 63.174(h)(2) § 63.174(h)(3) [G]§ 63.174(i) § 63.180(a) [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) | [G]§ 63.174(f)(2) § 63.181(a) § 63.181(b) § 63.181(b)(1) § 63.181(b)(1)(i) § 63.181(b)(1)(iii) § 63.181(b)(10) § 63.181(b)(5) [G]§ 63.181(b)(7) § 63.181(d) § 63.181(d)(1) § 63.181(d)(2) § 63.181(d)(3) § 63.181(d)(4) [G]§ 63.181(d)(5) § 63.181(d)(6) [G]§ 63.181(d)(7) § 63.181(d)(9) | § 63.182(a) § 63.182(a)(1) § 63.182(a)(2) § 63.182(a)(3) § 63.182(b) [G]§ 63.182(b)(1) § 63.182(b)(2) § 63.182(b)(2)(i) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) § 63.182(d) § 63.182(d)(1) § 63.182(d)(2) § 63.182(d)(2)(ix) § 63.182(d)(2)(xi) § 63.182(d)(2)(xiii) § 63.182(d)(2)(xvi) § 63.182(d)(4) |
| FMONO | EU | 63H-1 | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.163(e) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) § 63.163(e)(1) § 63.163(e)(1)(i) | Each pump in light liquid service equipped with a dual mechanical seal system that includes a barrier fluid system is exempt from the requirements of paragraphs (a) through (d) of this section, provided that 63.163(e)(1) - | [G]§ 63.176 § 63.180(a) [G]§ 63.180(b) [G]§ 63.180(d) | § 63.181(a) § 63.181(b) § 63.181(b)(1) § 63.181(b)(1)(i) § 63.181(b)(1)(iii) § 63.181(b)(10) [G]§ 63.181(b)(6) § 63.181(c) | § 63.182(a) § 63.182(a)(1) § 63.182(a)(2) § 63.182(a)(3) § 63.182(b) [G]§ 63.182(b)(1) § 63.182(b)(2) § 63.182(b)(2)(i) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|---|--|---|---|
| | | | | | § 63.163(e)(2) § 63.163(e)(3) [G]§ 63.163(e)(4) § 63.163(e)(5) [G]§ 63.163(e)(6) § 63.163(f) § 63.163(i) [G]§ 63.171 [G]§ 63.176 | (6) are met. | | § 63.181(d) § 63.181(d)(1) § 63.181(d)(2) § 63.181(d)(3) § 63.181(d)(4) [G]§ 63.181(d)(5) § 63.181(d)(6) § 63.181(d)(9) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) | § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) § 63.182(d) § 63.182(d)(1) § 63.182(d)(2) § 63.182(d)(2)(xiii) § 63.182(d)(2)(xv) § 63.182(d)(4) |
| FMONO | EU | 63H-1 | 112(B) HAPS | 40 CFR Part 63, Subpart H | [G]§ 63.167 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 | Standards: Open-ended valves or lines. §63.167(a)-(e). | § 63.180(a) [G]§ 63.180(b) [G]§ 63.180(d) | § 63.181(a) § 63.181(b) § 63.181(b)(1)(i) § 63.181(b)(1)(iii) | § 63.182(a) § 63.182(a)(1) § 63.182(a)(2) § 63.182(a)(3) § 63.182(b) [G]§ 63.182(b)(1) § 63.182(b)(2) § 63.182(b)(2)(i) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) |
| FMONO | EU | 63H-1 | 112(B) HAPS | 40 CFR Part 63, Subpart H | § 63.168(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) § 63.168(a)(1) § 63.168(a)(1)(i) § 63.168(a)(1)(i)(C) § 63.168(a)(2) § 63.168(a)(3) [G]§ 63.168(e) | The provisions of this section apply to valves that are either in gas service or in light liquid service. | § 63.168(b) § 63.168(b)(1) § 63.168(b)(2) § 63.181(b)(2)(iii) [G]§ 63.168(d) [G]§ 63.168(e) [G]§ 63.168(f) [G]§ 63.168(g) [G]§ 63.168(h) [G]§ 63.168(i) [G]§ 63.175 § 63.180(a) | § 63.168(h)(2) § 63.181(a) § 63.181(b) § 63.181(b)(1) § 63.181(b)(1)(i) § 63.181(b)(1)(iii) § 63.181(b)(10) [G]§ 63.181(b)(7) § 63.181(d) § 63.181(d)(1) § 63.181(d)(2) § 63.181(d)(3) | § 63.182(a) § 63.182(a)(1) § 63.182(a)(2) § 63.182(a)(3) § 63.182(b) [G]§ 63.182(b)(1) § 63.182(b)(2) § 63.182(b)(2)(i) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) § 63.182(d) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|--|---|---|---|---|---|
| | | | | | [G]§ 63.168(f) [G]§ 63.168(g) [G]§ 63.168(h) [G]§ 63.168(i) [G]§ 63.171 [G]§ 63.175 | | [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) | § 63.181(d)(4) [G]§ 63.181(d)(5) § 63.181(d)(6) § 63.181(d)(9) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) | § 63.182(d)(1) § 63.182(d)(2) § 63.182(d)(2)(i) § 63.182(d)(2)(ii) § 63.182(d)(2)(xiii) § 63.182(d)(2)(xv) § 63.182(d)(4) |
| MMA/CTW | EU | 63F-2 | 112(B) HAPS | 40 CFR Part 63, Subpart F | § 63.104(a) [G]§ 63.104(d) [G]§ 63.104(e) | The owner shall comply with § 63.104(d)(1) and (2) except as provided in paragraph (e) of this section § 63.104(d)(1)-(2). | § 63.104(b) § 63.104(b)(1) § 63.104(b)(2)(i) § 63.104(b)(3) § 63.104(b)(4) § 63.104(b)(4)(i) § 63.104(b)(5) § 63.104(b)(6) § 63.104(d)(2) | [G]§ 63.104(e)(2) [G]§ 63.104(f)(1) | [G]§ 63.104(f)(2) |
| MAA/LOAD | EU | R5211-1 | VOC | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i) | Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified. | § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4) | § 115.216 § 115.216(2) § 115.216(3)(B) | None |
| MMA/LOAD | EU | R115-4 | VOC | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.212(a)(1) § 115.212(a)(1)(B) § 115.212(a)(2) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.214(a)(1)(B) | At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods. | § 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) | § 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|---|---|--|---|--|
| | | | | | § 115.214(a)(1)(C) | | § 115.215(9) | | |
| NBMA/LRC | EU | R5211-L-1 | VOC | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i) | Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified. | § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4) | § 115.216 § 115.216(2) § 115.216(3)(B) | None |
| NBMA/LTR | EU | R5211-L-1 | VOC | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i) | Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified. | § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4) | § 115.216 § 115.216(2) § 115.216(3)(B) | None |
| SAR/PAPHA | EU | R117-3 | EXEMPT | 30 TAC Chapter 117, Subchapter B | § 117.103(b)(2) § 117.103(c) | Units exempted from §117.105 of this title include any low annual capacity factor boiler, process heater, stationary gas turbine, or stationary internal combustion engine as defined in §117.10 of this title (relating to Definitions). | None | § 117.145(f) § 117.145(f)(6) § 117.145(f)(6)(A) | [G]§ 117.140(m) § 117.154(a) § 117.154(a)(5) |
| SAR/PAPHB | EU | R117-1 | EXEMPT | 30 TAC Chapter 117, Subchapter B | § 117.103(a) § 117.103(a)(1) | Units exempted from §117.110 of this title include any new units placed into service after November 15, 1992 (and not qualified as a functionally identical replacement as defined in §117.10 of this title). | None | None | § 117.154(a) § 117.154(a)(5) |
| GRPAMIDE | EP | 6oRRR-1 | VOC/TOC | 40 CFR Part 60, Subpart RRR | § 60.702 § 60.702(a) § 63.704(b)(5) § 63.704(b)(5)(ii) | Each facility that has a total resource effectiveness index value > 8.0 is exempt from all provisions of this subpart | § 60.703(c) § 60.703(c)(1) § 60.703(c)(1)(i) § 60.704(a) | § 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) | § 60.705(a) § 60.705(b) § 60.705(b)(2)(i) § 60.705(c) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|--|---|---|--|---|
| | | | | | § 63.704(b)(5)(iii) | except for §§60.702(c); 60.704(d), (e), and (f); and 60.705(g), (l)(1), (l)(6) and (t). | § 60.704(b) § 60.704(b)(1) § 60.704(b)(2) § 60.704(b)(3) [G]§ 60.704(b)(4) | [G]§ 60.705(d) § 60.705(s) | § 60.705(k) § 60.705(l) § 60.705(l)(1) § 60.705(l)(2) § 60.705(l)(7) § 60.705(m) |
| GRPAMIDE | EP | 6oRRR-1A | VOC/TOC | 40 CFR Part 60, Subpart RRR | § 60.702 § 60.702(b) § 60.704(c) | Each facility that has a total resource effectiveness index value > 8.0 is exempt from all provisions of this subpart except for §§60.702(c); 60.704(d), (e), and (f); and 60.705(g), (l)(1), (l)(6) and (t). | [G]§ 60.703(b) [G]§ 60.704(d) | § 60.705(b) § 60.705(b)(3) [G]§ 60.705(d) § 60.705(e) § 60.705(s) | § 60.705(a) § 60.705(b) § 60.705(b)(3) § 60.705(k) § 60.705(l) § 60.705(l)(3) § 60.705(l)(7) § 60.705(m) |
| GRPESTER | EP | 6oRRR-2 | VOC/TOC | 40 CFR Part 60, Subpart RRR | § 60.700(c)(5) | Vent streams routed to distillation units subject to subpart NNN with no other air releases except for a pressure relief valve, are exempt from all provisions of this subpart except for §60.705(r). | None | None | § 60.705(r) |
| GRPHYDRX | EP | 6oRRR-3 | VOC/TOC | 40 CFR Part 60, Subpart RRR | § 60.702 § 60.702(a) § 63.705(b)(5) § 63.705(b)(5)(ii) § 63.705(b)(5)(iii) | Each facility that has a total resource effectiveness index value > 8.0 is exempt from all provisions of this subpart except for §§60.702(c); 60.704(d), (e), and (f); and 60.705(g), (l)(1), (l)(6) and (t). | § 60.703(c) § 60.703(c)(1) § 60.703(c)(1)(i) § 60.704(a) § 60.704(b) § 60.704(b)(1) § 60.704(b)(2) § 60.704(b)(3) [G]§ 60.704(b)(4) | § 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) [G]§ 60.705(d) § 60.705(s) | § 60.705(a) § 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(k) § 60.705(l) § 60.705(l)(1) § 60.705(l)(2) § 60.705(l)(7) § 60.705(m) |
| GRPHYDRX | EP | 6oRRR-4 | VOC/TOC | 40 CFR Part 60, Subpart RRR | § 60.702 § 60.702(b) § 60.704(c) | Each facility that has a total resource effectiveness index value > 8.0 is exempt from all provisions of this subpart | [G]§ 60.703(b) [G]§ 60.704(d) | § 60.705(b) § 60.705(b)(3) [G]§ 60.705(d) § 60.705(e) | § 60.705(a) § 60.705(b) § 60.705(b)(3) § 60.705(k) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|--|---|---|--|---|---|
| | | | | | | except for §§60.702(c); 60.704(d), (e), and (f); and 60.705(g), (l)(1), (l)(6) and (t). | | § 60.705(s) | § 60.705(l) § 60.705(l)(3) § 60.705(l)(7) § 60.705(m) |
| SIT/DEGR2 | EU | R5-DEGR2 | VOC | 30 TAC Chapter 115, Degreasing Processes | § 115.412(1) [G]§ 115.412(1)(A) § 115.412(1)(C) § 115.412(1)(D) [G]§ 115.412(1)(F) § 115.417(1) | Cold solvent cleaning. No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(1)(A)-(F). | [G]§ 115.415(1) § 115.415(3) ** See Periodic Monitoring Summary | None | None |
| AMM/PMP186 | EU | 63ZZZZ-1 | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6602 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart ZZZZ. | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart ZZZZ |
| SIT/ENG177 | EU | R7ICI-E-1 | EXEMPT | 30 TAC Chapter 117, Subchapter B | § 117.103(a)(6)(D) | Units exempted from the provisions of this division, except as specified in §§117.140(i), 117.145(f)(6), 117.150(c)(1), and 117.154(a)(5), include stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average. | None | § 117.140(i) § 117.145(f)(6) § 117.145(f)(6)(B) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|--|---|---|--|---|
| ACR/TFX221 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| ACR/TFX223 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| ACR/TFX232 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| ACR/TFX232 | EU | 63YY-4 | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9(h)(1)(i) § 63.1100(g) § 63.1100(g)(5) § 63.1103(g)(3) § 63.1106(a)(1) § 63.1106(a)(10) § 63.1106(a)(2) § 63.1106(a)(3) § 63.1106(a)(4) § 63.1106(a)(7) § 63.1106(a)(8) § 63.1106(c) § 63.1106(c)(1) § 63.1106(c)(1)(vii) § 63.1106(c)(2) § 63.1106(c)(4) [G]§ 63.1106(c)(4)(ii) § 63.1106(c)(5) | Comply with the requirements in Table 35 of 40 CFR Part 63 subpart G. | [G]§ 63.1103(a)(13) § 63.1103(g)(5)(v) § 63.1108(b)(4) § 63.133(f) § 63.133(g) § 63.133(g)(1) § 63.133(g)(1)(ix) § 63.133(g)(3) § 63.143(a) § 63.144(b) § 63.144(b)(2) § 63.144(b)(3) [G]§ 63.144(b)(5) [G]§ 63.144(c) § 63.148(a) § 63.148(b) § 63.148(b)(3) [G]§ 63.148(g) [G]§ 63.148(h) | § 63.1106(a)(14) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) § 63.133(h) § 63.144(b)(3) § 63.147(b) § 63.147(b)(1) § 63.147(b)(7) [G]§ 63.998(d)(3) | § 63.1106(a)(11) § 63.1106(a)(12) § 63.1106(a)(15) [G]§ 63.1110 [G]§ 63.1111(b) [G]§ 63.1112(d) § 63.146(b)(2) § 63.146(b)(4) § 63.146(b)(5) § 63.146(c) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|--|---|---|--|---|
| | | | | | § 63.1106(c)(6) § 63.1106(d) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) § 63.133(a) § 63.133(a)(1) § 63.133(h) § 63.148(e) | | § 63.148(i)(1) § 63.148(i)(2) | | |
| ACR/TFX375 | EU | 63YY-3 | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9(h)(1)(i) § 63.1100(g) § 63.1100(g)(5) § 63.1103(g)(3) § 63.1106(a)(1) § 63.1106(a)(10) § 63.1106(a)(2) § 63.1106(a)(3) § 63.1106(a)(4) § 63.1106(a)(7) § 63.1106(a)(8) § 63.1106(c) § 63.1106(c)(1) § 63.1106(c)(1)(vii) § 63.1106(c)(2) § 63.1106(c)(4) [G]§ 63.1106(c)(4)(ii) § 63.1106(c)(5) § 63.1106(c)(6) § 63.1106(d) § 63.1108(a) § 63.1108(a)(1) | Comply with the requirements in Table 35 of 40 CFR Part 63 subpart G. | [G]§ 63.1103(a)(13) § 63.1103(g)(5)(v) § 63.1108(b)(4) § 63.133(f) § 63.133(g) § 63.133(g)(1) § 63.133(g)(1)(ix) § 63.133(g)(3) § 63.143(a) § 63.144(b) § 63.144(b)(2) § 63.144(b)(3) [G]§ 63.144(b)(5) [G]§ 63.144(c) § 63.148(a) § 63.148(b) § 63.148(b)(3) [G]§ 63.148(g) [G]§ 63.148(h) § 63.148(i)(1) § 63.148(i)(2) | § 63.1106(a)(14) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) § 63.133(h) § 63.144(b)(3) § 63.147(b) § 63.147(b)(1) § 63.147(b)(7) [G]§ 63.998(d)(3) | § 63.1106(a)(11) § 63.1106(a)(12) § 63.1106(a)(15) [G]§ 63.1110 [G]§ 63.1111(b) [G]§ 63.1112(d) § 63.146(b)(2) § 63.146(b)(4) § 63.146(b)(5) § 63.146(c) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|---|---|---|---|
| | | | | | § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) § 63.133(a) § 63.133(a)(1) § 63.133(h) § 63.148(e) | | | | |
| ACR-TFX279 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| ACR-WWC376 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| ACR-WWC376 | EU | 63YY-5 | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9.h.1.i § 63.1100(g) § 63.1100(g)(5) § 63.1103(g)(3) § 63.1106(a)(1) § 63.1106(a)(10) § 63.1106(a)(2) § 63.1106(a)(3) § 63.1106(a)(4) § 63.1106(a)(7) § 63.1106(a)(8) § 63.1106(c) | For an item of equipment listed in §63.1106(c)(1) that transports or contains wastewater liquid streams from a cyanide chemicals manufacturing process unit and if the item of equipment meets the criteria in §63.1106(c)(1)-(3) and (c)(4)(i) or (ii) then comply with the requirements in Table 35 of subpart G. | § 63.1103(g)(5)(v) [G]§ 63.1106(a)(13) § 63.1108(b)(4) § 63.133(f) § 63.133(g) § 63.133(g)(1) § 63.133(g)(1)(ix) § 63.133(g)(3) § 63.143(a) § 63.144(b) § 63.144(b)(2) § 63.144(b)(3) [G]§ 63.144(b)(5) | § 63.1106(a)(14) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) § 63.133(h) § 63.144(b)(3) § 63.147(b) § 63.147(b)(1) | § 63.1106(a)(11) § 63.1106(a)(12) § 63.1106(a)(15) [G]§ 63.1110 [G]§ 63.1111(b) [G]§ 63.1112(d) § 63.146(b)(2) § 63.146(b)(4) § 63.146(b)(5) § 63.146(c) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|---|--|--|---|
| | | | | | § 63.1106(c)(1) § 63.1106(c)(1)(vii) § 63.1106(c)(2) § 63.1106(c)(4) [G]§ 63.1106(c)(4)(ii) § 63.1106(c)(5) § 63.1106(c)(6) § 63.1106(d) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) § 63.133(a) § 63.133(a)(1) § 63.133(h) § 63.148(e) | | [G]§ 63.144(c) § 63.148(a) § 63.148(b) § 63.148(b)(3) [G]§ 63.148(g) [G]§ 63.148(h) § 63.148(i)(1) § 63.148(i)(2) | § 63.147(b)(7) [G]§ 63.998(d)(3) | |
| ACR-WWC377 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| ACR-WWC377 | EU | 63YY-6 | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9.h.1.i § 63.1100(g) § 63.1100(g)(5) § 63.1103(g)(3) § 63.1106(a)(1) § 63.1106(a)(10) § 63.1106(a)(2) § 63.1106(a)(3) § 63.1106(a)(4) | For an item of equipment listed in §63.1106(c)(1) that transports or contains wastewater liquid streams from a cyanide chemicals manufacturing process unit and if the item of equipment meets the criteria in §63.1106(c)(1)-(3) and (c)(4)(i) or (ii) then comply | § 63.1103(g)(5)(v) [G]§ 63.1106(a)(13) § 63.1108(b)(4) § 63.133(f) § 63.133(g) § 63.133(g)(1) § 63.133(g)(1)(ix) § 63.133(g)(3) § 63.143(a) § 63.144(b) | § 63.1106(a)(14) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) § 63.133(h) | § 63.1106(a)(11) § 63.1106(a)(12) § 63.1106(a)(15) [G]§ 63.1110 [G]§ 63.1111(b) [G]§ 63.1112(d) § 63.146(b)(2) § 63.146(b)(4) § 63.146(b)(5) § 63.146(c) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|----------------|---------------------------------------|---|---|---|--|---|
| | | | | | § 63.1106(a)(7) § 63.1106(a)(8) § 63.1106(c) § 63.1106(c)(1) § 63.1106(c)(1)(vii) § 63.1106(c)(2) § 63.1106(c)(4) [G]§ 63.1106(c)(4)(ii) § 63.1106(c)(5) § 63.1106(c)(6) § 63.1106(d) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) § 63.133(a) § 63.133(a)(1) § 63.133(h) § 63.148(e) | with the requirements in Table 35 of subpart G. | § 63.144(b)(2) § 63.144(b)(3) [G]§ 63.144(b)(5) [G]§ 63.144(c) § 63.148(a) § 63.148(b) § 63.148(b)(3) [G]§ 63.148(g) [G]§ 63.148(h) § 63.148(i)(1) § 63.148(i)(2) | § 63.144(b)(3) § 63.147(b) § 63.147(b)(1) § 63.147(b)(7) [G]§ 63.998(d)(3) | |
| HCN/SRGVSL | EU | 63YY-2 | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9(a)(1)(ii) § 63.1100(e) § 63.1100(e)(4) § 63.1100(e)(7) § 63.1103(g)(3) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) | Reduce emissions of hydrogen cyanide by 98 weight-percent, or to a concentration of 20 parts per million by volume, by venting emissions through a closed vent system to any combination of control devices meeting the requirements of §63.982(c)(1) or (d). | § 63.1103(g)(5)(v) § 63.1108(b)(4) | § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) § 63.984(b)(3) [G]§ 63.998(d)(3) | [G]§ 63.1110 [G]§ 63.1111(b) [G]§ 63.1112(d) § 63.999(b)(1) § 63.999(b)(1)(i) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|--|--|---|
| | | | | | § 63.1108(c) [G]§ 63.1108(d) § 63.982(d) § 63.984(a) § 63.984(a)(1) § 63.984(b) § 63.984(b)(2) § 63.984(b)(2)(i) § 63.984(b)(2)(iii) § 63.984(b)(2)(iv) | | | | |
| HCN/WWMN T | EU | 63YY-10 | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9.g.1.i § 63.105(a) § 63.105(d) § 63.1103(g)(3) § 63.1106(b) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) | For a cyanide chemicals manufacturing process unit that generates maintenance wastewater and if the maintenance wastewater contains hydrogen cyanide or acetonitrile then comply with the requirements of §63.1106(b). | § 63.1103(g)(5)(v) § 63.1108(b)(4) | [G]§ 63.105(b) § 63.105(c) § 63.105(e) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) [G]§ 63.998(d)(3) | [G]§ 63.1110 [G]§ 63.1111(b) [G]§ 63.1112(d) |
| HCN/WWPRC | EU | 63YY-9 | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9.f.1.i § 63.1103(g)(3) § 63.1106(a) § 63.1106(a)(1) § 63.1106(a)(10) § 63.1106(a)(16) § 63.1106(a)(2) § 63.1106(a)(3) § 63.1106(a)(4) § 63.1106(a)(7) § 63.1106(a)(8) | Comply with the requirements of §63.1106(a) and §63.133(a) - Each wastewater tank that receives, manages, or treats a Group 1 wastewater stream or its residue shall comply with §63.133(a)(1) or §63.133(a)(2). | § 63.1103(g)(5)(v) [G]§ 63.1106(a)(13) § 63.1108(b)(4) § 63.136(b)(2) § 63.136(c) § 63.144(a) § 63.144(a)(1) § 63.144(b) § 63.144(b)(2) § 63.144(b)(3) [G]§ 63.144(b)(5) [G]§ 63.144(c) | § 63.1106(a)(14) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) § 63.132(b)(3)(iv) § 63.146(b)(3) § 63.147(b) | § 63.1106(a)(11) § 63.1106(a)(12) § 63.1106(a)(15) [G]§ 63.1110 [G]§ 63.1111(b) [G]§ 63.1112(d) § 63.132(b)(3)(iv) § 63.146(b) § 63.146(b)(2) § 63.146(b)(4) § 63.146(b)(5) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|--|--|--|--|--|
| | | | | | § 63.1106(d) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) § 63.132(b) [G]§ 63.132(b)(2) § 63.132(b)(3) [G]§ 63.132(b)(3)(i) § 63.132(c) [G]§ 63.132(c)(1) § 63.132(c)(2) [G]§ 63.132(e) [G]§ 63.132(f) § 63.135(a) [G]§ 63.135(b) [G]§ 63.135(c) § 63.136(b) [G]§ 63.136(b)(1) § 63.136(b)(5) § 63.136(c)(1) § 63.136(c)(2) § 63.136(d) § 63.136(g) § 63.138(a) § 63.138(a)(2) § 63.138(a)(4) § 63.138(b) § 63.138(b)(2) § 63.138(h) § 63.138(h)(1) § 63.138(h)(3) § 63.148(e) | § 63.148(a) § 63.148(b) § 63.148(b)(3) [G]§ 63.148(g) [G]§ 63.148(h) | § 63.147(b)(1) § 63.147(b)(7) § 63.148(i) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.998(d)(3) | | |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|--|---|--|
| HCN/WWRSI D | EU | 63YY-11 | 112(B) HAPS | 40 CFR Part 63, Subpart YY | § 63.1103(g)(3)-Table 9.f.1.i § 63.1103(g)(3) § 63.1106(a) § 63.1106(a)(1) § 63.1106(a)(10) § 63.1106(a)(2) § 63.1106(a)(3) § 63.1106(a)(4) § 63.1106(a)(7) § 63.1106(a)(8) § 63.1106(d) § 63.1108(a) § 63.1108(a)(1) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) § 63.1108(b) § 63.1108(b)(3) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) [G]§ 63.132(g) § 63.135(a) [G]§ 63.135(b) [G]§ 63.135(c) § 63.135(f) § 63.138(a) § 63.138(a)(4) § 63.138(a)(6) § 63.138(h) § 63.138(h)(1) § 63.138(h)(3) § 63.138(k) § 63.138(k)(4) § 63.148(e) | Comply with the requirements of §63.1106(a) and §63.133(a) - Each wastewater tank that receives, manages, or treats a Group 1 wastewater stream or its residue shall comply with §63.133(a)(1) or §63.133(a)(2). | § 63.1103(g)(5)(v) [G]§ 63.1106(a)(13) § 63.1108(b)(4) [G]§ 63.135(e) § 63.148(a) § 63.148(b) § 63.148(b)(3) [G]§ 63.148(g) [G]§ 63.148(h) | § 63.1106(a)(14) § 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1111(a) [G]§ 63.1111(b)(1)(ii) § 63.1111(b)(1)(iii) § 63.1111(b)(1)(iv) [G]§ 63.1112(d) § 63.148(i) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.998(d)(3) | § 63.1106(a)(11) § 63.1106(a)(12) § 63.1106(a)(15) [G]§ 63.1110 [G]§ 63.1111(b) [G]§ 63.1112(d) § 63.146(b) § 63.146(b)(4) § 63.146(b)(5) § 63.146(b)(6) § 63.146(c) |
| LBSMP | EU | 63G-15 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall | None | § 63.123(a) | § 63.152(c)(4)(iii) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|-------------------------------------|---|--|
| | | | | | | use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | | | |
| MAA/ACTK | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| MAA/CRTK | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| MAA/HQMT | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| MAA/MAATK1 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| MAA/MAATK1 | EU | 63G-21 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|-------------------------------------|---|--|
| MAA/MAATK2 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| MAA/MAATK2 | EU | 63G-22 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| MAA/PTHQMT | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| MAA/PWTK | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| MAA/RWTK | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| MAA/RWTK | EU | 63G-23 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods | None | § 63.123(a) | § 63.152(c)(4)(iii) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|---|---|---|
| | | | | | | in §63.123(a). Not required to comply with §63.119 to §63.123. | | | |
| MMA/AIMTK | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| MMA/AIMTK | EU | 63G-1 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| MMA/AUMTK | EU | 63G-2 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| MMA/CMTK | EU | 115-13 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(a)(1) § 115.112(a)(3) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.115(a) § 115.115(a)(6) [G]§ 115.117 | § 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7) | None |
| MMA/CMTK | EU | 63G-5 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(f) § 63.119(a) § 63.119(a)(1) § 63.119(f)(1) [G]§ 63.119(f)(3) | Owner or operator who routes emissions to a fuel gas system or to a process, as defined in §63.111, to comply with §63.119(a)(1), or (a)(2) shall | None | § 63.123(a) [G]§ 63.123(h) | § 63.122(a) § 63.122(a)(1) § 63.122(a)(3) § 63.122(a)(4) § 63.122(a)(5) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|-------------------------------------|--|---|
| | | | | | | comply with §63.119(f)(1)-(3) as applicable. | | | § 63.122(c) § 63.122(c)(3) § 63.151(a)(7) § 63.151(b) [G]§ 63.151(b)(1) § 63.151(b)(2) § 63.151(b)(2)(i) [G]§ 63.151(j) § 63.152(a) § 63.152(a)(1) § 63.152(a)(3) § 63.152(a)(4) § 63.152(a)(5) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4) § 63.152(c)(4)(ii) § 63.152(d) § 63.152(d)(1) |
| MMA/DFT | EU | 63G-10 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| MMA/DWAT | EU | 63G-9 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| MMA/HQFT | EU | 63G-12 | 112(B) | 40 CFR Part 63, | § 63.119(a)(3) | Group 2 tanks not using | None | § 63.123(a) | § 63.152(c)(4)(iii) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|-------------------------------------|---|--|
| | | | HAPS | Subpart G | | emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | | | |
| MMA/HQMT | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| MMA/HQMT | EU | 63G-11 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| MMA/INHBFT | EU | 63G-20 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| MMA/INHBMT | EU | 63G-16 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| MMA/MDST | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|---|---|--|
| | | | | VOCs | | VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | | § 115.118(a)(7) | |
| MMA/MDST | EU | 63G-3 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| MMA/MDTK | EU | 115-5 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(a)(1) § 115.112(a)(3) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.115(a) § 115.115(a)(6) [G]§ 115.117 | § 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7) | None |
| MMA/MDTK | EU | 63G-4 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(f) § 63.119(a) § 63.119(a)(1) § 63.119(f)(1) [G]§ 63.119(f)(3) | Owner or operator who routes emissions to a fuel gas system or to a process, as defined in §63.111, to comply with §63.119(a)(1), or (a)(2) shall comply with §63.119(f)(1)-(3) as applicable. | None | § 63.123(a) [G]§ 63.123(h) | § 63.122(a) § 63.122(a)(1) § 63.122(a)(3) § 63.122(a)(4) § 63.122(a)(5) § 63.122(c) § 63.122(c)(3) § 63.151(a)(7) § 63.151(b) [G]§ 63.151(b)(1) § 63.151(b)(2) § 63.151(b)(2)(i) [G]§ 63.151(j) § 63.152(a) § 63.152(a)(1) § 63.152(a)(3) § 63.152(a)(4) § 63.152(a)(5) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|---|---|--|
| | | | | | | | | | § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4) § 63.152(c)(4)(ii) § 63.152(d) § 63.152(d)(1) |
| MMA/NWLT | EU | 63G-6 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| MMA/OPFT | EU | 63G-14 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| MMA/OPMT | EU | 115-11 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(a)(1) § 115.112(a)(3) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.115(a) § 115.115(a)(6) [G]§ 115.117 | § 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7) | None |
| MMA/OPMT | EU | 63G-13 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to | None | § 63.123(a) | § 63.152(c)(4)(iii) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|---|---|--|
| | | | | | | §63.123. | | | |
| MMA/SWLT | EU | 115-12 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(a)(1) § 115.112(a)(3) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.115(a) § 115.115(a)(6) [G]§ 115.117 | § 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7) | None |
| MMA/SWLT | EU | 63G-7 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(f) § 63.119(a) § 63.119(a)(1) § 63.119(f)(1) [G]§ 63.119(f)(3) | Owner or operator who routes emissions to a fuel gas system or to a process, as defined in §63.111, to comply with §63.119(a)(1), or (a)(2) shall comply with §63.119(f)(1)-(3) as applicable. | None | § 63.123(a) [G]§ 63.123(h) | § 63.122(a) § 63.122(a)(1) § 63.122(a)(3) § 63.122(a)(4) § 63.122(a)(5) § 63.122(c) § 63.122(c)(3) § 63.151(a)(7) § 63.151(b) [G]§ 63.151(b)(1) § 63.151(b)(2) § 63.151(b)(2)(i) [G]§ 63.151(j) § 63.152(a) § 63.152(a)(1) § 63.152(a)(3) § 63.152(a)(4) § 63.152(a)(5) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4) § 63.152(c)(4)(ii) § 63.152(d) § 63.152(d)(1) |
| MMA/TFDCA | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|-------------------------------------|---|--|
| | | | | VOCs | | VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | | § 115.118(a)(7) | |
| MMA/TFDCA | EU | 63G-8 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| NBMA/TFX ⁵⁴ | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| SAR/NSAT | EU | 63G-18 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| SAR/SART | EU | 63G-19 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | None | § 63.123(a) | § 63.152(c)(4)(iii) |
| SAR/SAT | EU | 63G-17 | 112(B) HAPS | 40 CFR Part 63, Subpart G | § 63.119(a)(3) | Group 2 tanks not using emissions averaging as prescribed by §63.150 shall | None | § 63.123(a) | § 63.152(c)(4)(iii) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|--------------------------------|---------------------------------------|---|---|---|---|--|
| | | | | | | use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123. | | | |
| SIT/TFX172 | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| SIT/TMEOH | EU | R5112 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| PRO-SAR | PRO | 112-1 | SO ₂ | 30 TAC Chapter 112, Sulfur Compounds | § 112.5(a) § 112.5(b) | No person may cause, suffer, allow, or permit emissions of SO ₂ from any sulfuric acid plant burning elemental sulfur to exceed the emission limits set by the specified equation. | § 112.2(a) § 112.5(c) | § 112.2(c) | § 112.2(b) |
| PRO-SAR | PRO | 112-1 | H ₂ SO ₄ | 30 TAC Chapter 112, Sulfur Compounds | § 112.41(b) § 112.41(b)(1) | Sulfuric acid or oleum facilities may not permit emissions of H ₂ SO ₄ mist to exceed 0.50 lb/ton (0.25 gram/kg) of 100% H ₂ SO ₄ produced when burning specified compounds by the contact process. | § 112.43(b) § 112.43(c) [G]§ 112.43(c)(1) [G]§ 112.43(c)(2) § 112.45(a) | [G]§ 112.45(b) | None |
| PRO-SAR | PRO | 60H-1 | SO ₂ | 40 CFR Part 60, Subpart H | § 60.82(a) | On and after the §60.8 performance test, no owner or operator shall discharge gases containing SO ₂ in excess of 2 | § 60.84(a) § 60.84(b) § 60.84(c) § 60.84(e) | None | § 60.84(e) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|--------------------------------|---------------------------------------|---|---|--|--|--|
| | | | | | | kg per metric ton (4.0 lb per ton) of acid produced into the atmosphere. | § 60.85(a) § 60.85(b)(1) § 60.85(b)(2) § 60.85(b)(3) | | |
| PRO-SAR | PRO | 60H-1 | H ₂ SO ₄ | 40 CFR Part 60, Subpart H | § 60.83(a)(1) | No owner or operator shall discharge any gases containing acid mist, expressed as H ₂ SO ₄ , in excess of 0.075 kg per metric ton (0.15 lb per ton) of acid produced, the production being expressed as 100% H ₂ SO ₄ . | § 60.85(a) § 60.85(b)(1) § 60.85(b)(2) § 60.85(b)(3) [G]§ 60.85(c) | None | None |
| PRO-SAR | PRO | 60H-1 | PM (OPACITY) | 40 CFR Part 60, Subpart H | § 60.83(a)(2) | No owner or operator shall discharge any gases exhibiting 10% opacity, or greater. | § 60.85(a) § 60.85(b)(4) | None | None |
| PRO-SAR | PRO | 60H-2 | SO ₂ | 40 CFR Part 60, Subpart H | § 60.82(a) | On and after the §60.8 performance test, no owner or operator shall discharge gases containing SO ₂ in excess of 2 kg per metric ton (4.0 lb per ton) of acid produced into the atmosphere. | § 60.84(b) § 60.84(d) § 60.84(e) § 60.85(a) § 60.85(b)(1) § 60.85(b)(2) § 60.85(b)(3) [G]§ 60.85(c) | None | § 60.84(e) |
| PRO-SAR | PRO | 60H-2 | H ₂ SO ₄ | 40 CFR Part 60, Subpart H | § 60.83(a)(1) | No owner or operator shall discharge any gases containing acid mist, expressed as H ₂ SO ₄ , in excess of 0.075 kg per metric ton (0.15 lb per ton) of acid produced, the production being expressed as 100% H ₂ SO ₄ . | § 60.85(a) § 60.85(b)(1) § 60.85(b)(2) § 60.85(b)(3) [G]§ 60.85(c) | None | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|--------------|--|---|--|--|--|--|
| PRO-SAR | PRO | 60H-2 | PM (OPACITY) | 40 CFR Part 60, Subpart H | § 60.83(a)(2) | No owner or operator shall discharge any gases exhibiting 10% opacity, or greater. | § 60.85(a) § 60.85(b)(4) | None | None |
| PRO-PAINT | PRO | 115-9 | VOC | 30 TAC Chapter 115, Surface Coating Operations | § 115.421(a)(9)(A)(iii) § 115.421(a) § 115.421(a)(9)(B) § 115.421(a)(9)(C) § 115.426 § 115.427(a)(6) | Emissions shall not exceed 3.5 lbs/gal (0.42 kg/L) of coating (minus water and exempt solvent) delivered as an extreme performance coating, including chemical milling maskants. | § 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(6) [G]§ 115.426(1) | [G]§ 115.426(1) | None |
| MAA/DEC | EU | R5131-1 | VOC | 30 TAC Chapter 115, Water Separation | § 115.137(a)(2) | Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure of VOC < .5 psia obtained from any equipment is exempt from §115.132(a). | None | § 115.136(a)(1) | None |

Additional Monitoring Requirements

Periodic Monitoring Summary.....90

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|---|-----------------------------------|
| ID No.: ACR/TOU51; ACR-INC60 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111-C-1 |
| Pollutant: OPACITY | Main Standard: § 111.111(a)(1)(C) |
| Monitoring Information | |
| Indicator: Visible Emissions | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a | |
| Deviation Limit: Presence of visible emissions or 15% opacity if Method 9 performed | |
| <p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p> | |

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|---|-----------------------------------|
| ID No.: ACR-VC51 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111 |
| Pollutant: OPACITY | Main Standard: § 111.111(a)(1)(C) |
| Monitoring Information | |
| Indicator: Visible Emissions | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a | |
| Deviation Limit: Presence of visible emissions or 15% opacity if Method 9 performed | |
| <p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p> | |

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|---|-----------------------------------|
| ID No.: SAR-SARSTK | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: 111-3 |
| Pollutant: OPACITY | Main Standard: § 111.111(a)(1)(C) |
| Monitoring Information | |
| Indicator: Visible Emissions | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a | |
| Deviation Limit: Presence of visible emissions or 15% opacity if Method 9 performed | |
| <p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p> | |

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|---|-----------------------------|
| ID No.: SIT/DEGR2 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 30 TAC Chapter 115, Degreasing Processes | SOP Index No.: R5-DEGR2 |
| Pollutant: VOC | Main Standard: § 115.412(1) |
| Monitoring Information | |
| Indicator: Visual Inspection | |
| Minimum Frequency: monthly | |
| Averaging Period: n/a | |
| Deviation Limit: Cold cleaner not in compliance with applicable requirements of 30 TAC 115.412(1)(A)-(F) | |
| Periodic Monitoring Text: Inspect equipment and record data monthly to ensure compliance with any applicable requirements in § 115.412(1)(A)-(F). Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of § 115.412(1)(A)-(F) shall be considered and reported as a deviation. | |

Permit Shield

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Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|--------------------------------------|--|
| ID No. | Group/Inclusive Units | | |
| ACR/HCNCOL | N/A | 40 CFR Part 60, Subpart NNN | Constructed or Modified before December 30, 1983. |
| ACR/PRC57 | N/A | 40 CFR Part 60, Subpart NNN | Rule Overlap. Process vents are controlled per the requirements of 40 CFR Part 63, Subpart YY. |
| GRPNNN1 | ACH/COLA | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACH/BLETK | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACR/SMPCS | N/A | 40 CFR Part 60, Subpart Kb | Process tank therefore does not meet the definition of a storage vessel. |
| ACR/TOU51 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Heater does not burn liquid fuel. |
| ACR/TOU51 | N/A | 30 TAC Chapter 117, Commercial | Oxidizer was placed in service 6/16/93, is not a functionally identical replacement |
| GRPACHVNT | ACH/RXA, ACH/RXB | 40 CFR Part 60, Subpart RRR | Constructed prior to June 29, 1990 |
| GRPACHVNT | ACH/RXA, ACH/RXB | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| SAR-SARSTK | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACH/CBFLR | N/A | 40 CFR Part 63, Subpart A | Flare is not used to comply with any subpart under 40 CFR Part 63 |

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|--------------------------------------|---|
| ID No. | Group/Inclusive Units | | |
| ACR/FLR57 | N/A | 40 CFR Part 60, Subpart A | Flare does not control an NSPS source. |
| MMA/DKFL | N/A | 40 CFR Part 63, Subpart A | Flare is not used to comply with any subpart under 40 CFR Part 63 |
| MMA/PFL | N/A | 40 CFR Part 60, Subpart A | Flare is not used to comply with any subpart under 40 CFR Part 60 or 61 |
| MMA/PFL | N/A | 40 CFR Part 63, Subpart A | Flare is not used to comply with any subpart under 40 CFR Part 63 |
| ACH/CVS | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACH/FPRCBL | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACR/HCNFUG | N/A | 40 CFR Part 60, Subpart VV | Rule overlap. Fugitive equipment that must be controlled according to the requirements of NSPS VV and MACT YY are only required to comply with MACT YY. |
| FMONO | N/A | 40 CFR Part 60, Subpart VV | Rule overlap, fugitive components comply with 40 CFR Part 63, Subpart H |
| ACR/INC60 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Incinerator does not burn liquid fuel. |
| ACR/CLT229 | N/A | 40 CFR Part 63, Subpart Q | Cooling tower has not used chromium-based water treatment chemicals on/after 9/8/94 |

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|-------------------------------------|--|
| ID No. | Group/Inclusive Units | | |
| MMA/CTW | N/A | 40 CFR Part 63, Subpart Q | Cooling tower has not used chromium-based water treatment chemicals on/after 9/8/94. |
| MAA/LOAD | N/A | 40 CFR Part 63, Subpart G | The transfer rack utilizes vapor balancing during all operations. Loading racks that vapor balance during all loading operations are not subject to the requirements of Subpart G. |
| MMA/LOAD | N/A | 40 CFR Part 63, Subpart F | Transfer rack utilizes vapor balancing during all operations |
| NBMA/LRC | N/A | 40 CFR Part 63, Subpart EEEE | Fugitive equipment is not in organic liquid service by definition. The material stored does not contain a Table 1 compound. |
| NBMA/LRC | N/A | 40 CFR Part 63, Subpart F | Fugitive equipment does not contain organic hazardous air pollutants. |
| NBMA/LTR | N/A | 40 CFR Part 63, Subpart EEEE | Fugitive equipment is not in organic liquid service by definition. The material stored does not contain a Table 1 compound. |
| NBMA/LTR | N/A | 40 CFR Part 63, Subpart F | Fugitive equipment does not contain organic hazardous air pollutants. |
| ACH/ACEBS | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank does not store volatile organic compounds (VOC) |
| ACH/ACEBS | N/A | 40 CFR Part 60, Subpart Kb | Does not store a volatile organic liquid (VOL) |
| ACH/ACEBS | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|-------------------------------------|---|
| ID No. | Group/Inclusive Units | | |
| ACH/ACEBS | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACH/ACHTK | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is greater than 151 cubic meters and true vapor pressure is less than 3.5 kPa (0.5 psia) |
| ACH/ACHTK | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| ACH/ACHTK | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACH/ACHTK2 | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is greater than 151 cubic meters and true vapor pressure is less than 3.5 kPa (0.5 psia) |
| ACH/ACHTK2 | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| ACH/ACHTK2 | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACH/ACHTK3 | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is greater than 151 cubic meters and true vapor pressure is less than 3.5 kPa (0.5 psia) |
| ACH/ACHTK3 | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| ACH/ACHTK3 | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACH/BRINTK | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank does not store volatile organic compounds (VOC) |
| ACH/BRINTK | N/A | 40 CFR Part 60, Subpart Kb | Does not store a volatile organic liquid (VOL) |

Permit Shield

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| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|-------------------------------------|---|
| ID No. | Group/Inclusive Units | | |
| ACH/BRINTK | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| ACH/BRINTK | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACH/CHWTTK | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank does not store volatile organic compounds (VOC) |
| ACH/CHWTTK | N/A | 40 CFR Part 60, Subpart Kb | Does not store a volatile organic liquid (VOL) |
| ACH/CHWTTK | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| ACH/CHWTTK | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACH/CTW | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACH/CTW | N/A | 40 CFR Part 63, Subpart Q | Cooling tower has not used chromium-based water treatment chemicals on/after 9/8/94 |
| ACH/OGTK | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is greater than 75 cubic meters and true vapor pressure is less than 15 kPa (2.17 psia) |
| ACH/OGTK | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| ACH/OGTK | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACH/RAINTK | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is greater than 151 cubic meters and true vapor pressure is less than 3.5 kPa (0.5 psia) |

Permit Shield

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| Unit/Group/Process | | Regulation | Basis of Determination |
|-------------------------|-----------------------|---|--|
| ID No. | Group/Inclusive Units | | |
| ACH/RAINTK | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| ACH/RAINTK | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACH/SEWER | N/A | 30 TAC Chapter 115, Industrial Wastewater | Does not contain a VOC wastewater stream |
| ACH/SEWER | N/A | 40 CFR Part 61, Subpart FF | Waste stream does not contain benzene |
| ACH/SEWER | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACH/TMATK | N/A | 30 TAC Chapter 115, Storage of VOCs | Pressurized tank (no vapor or gas loss to the atmosphere) |
| ACH/TMATK | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| ACH/TMATK | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| ACH/TMATK | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| ACR/AOGPOT | N/A | 40 CFR Part 63, Subpart G | Already controlled as required in Table 35 of HON, due to fixed roof tank. |
| ACR/ENGDCCK | N/A | 30 TAC Chapter 117, Subchapter B | Diesel fired engines in Beaumont are exempt. |
| ACR/HCNSTR | N/A | 40 CFR Part 63, Subpart YY | Rule Overlap. Process vents are controlled per the requirements of 40 CFR Part 63, Subpart YY. |
| ACR/NH ₃ RCT | N/A | 40 CFR Part 63, Subpart YY | Rule Overlap. Process vents are controlled per the |

Permit Shield

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| Unit/Group/Process | | Regulation | Basis of Determination |
|-------------------------|-----------------------|-------------------------------------|--|
| ID No. | Group/Inclusive Units | | |
| | | | requirements of 40 CFR Part 63, Subpart YY. |
| ACR/NH ₃ STR | N/A | 40 CFR Part 63, Subpart YY | Rule Overlap. Process vents are controlled per the requirements of 40 CFR Part 63, Subpart YY. |
| ACR/NH ₃ TK | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank does not store volatile organic compounds (VOC). |
| ACR/TFXDCK | N/A | 30 TAC Chapter 115, Storage of VOCs | Storage capacity is less than 1000 gal. |
| ACR/TFXDCK | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| ACR/TFXDCK | N/A | 40 CFR Part 63, Subpart G | Storage capacity is less than 38 cubic meters |
| ACR-TF206A | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank does not store a VOC. The tank stores sulfuric acid. |
| ACR-TF206A | N/A | 40 CFR Part 60, Subpart Kb | Storage tank does not store a volatile organic liquid (stores sulfuric acid). |
| ACR-TF206A | N/A | 40 CFR Part 61, Subpart Y | Storage tank is not a benzene storing vessel. |
| ACR-TF206A | N/A | 40 CFR Part 63, Subpart YY | Storage tank does not store refined hydrogen cyanide. |
| ACR-TF206B | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank does not store a VOC. The tank stores sulfuric acid. |
| ACR-TF206B | N/A | 40 CFR Part 60, Subpart Kb | Storage tank does not store VOL (stores sulfuric acid) |
| ACR-TF206B | N/A | 40 CFR Part 61, Subpart Y | Storage tank is not a Benzene storing vessel |
| ACR-TF206B | N/A | 40 CFR Part 63, Subpart YY | Storage tank does not store refined hydrogen cyanide. |
| ACR-TFX207 | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank does not store a VOC. The tank stores sulfuric acid. |

Permit Shield

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| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|-------------------------------------|--|
| ID No. | Group/Inclusive Units | | |
| ACR-TFX207 | N/A | 40 CFR Part 60, Subpart Kb | Storage tank does not store volatile organic liquid (stores sulfuric acid). |
| ACR-TFX207 | N/A | 40 CFR Part 61, Subpart Y | Storage tank is not a benzene storing vessel |
| ACR-TFX207 | N/A | 40 CFR Part 63, Subpart YY | Storage tank does not store refined hydrogen cyanide. |
| AMM/FDKAMB | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank does not store volatile organic compounds (VOC) |
| AMM/TFX185 | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank capacity less than 1000 gallons. |
| AMM/TFX186 | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank capacity less than 1000 gallons. |
| MAA/FGASVT | N/A | 40 CFR Part 63, Subpart F | Gas streams that vent to a fuel gas system are exempt from Subpart F. |
| MAA/MEHQMT | N/A | 40 CFR Part 60, Subpart Kb | Tank capacity is 1,000 gallons. Per 60.110b(a), tanks with a capacity > 75 cubic meters are affected sources. Since the tank is < 75 cubic meters, NSPS Kb does not apply. |
| MAA/MEHQMT | N/A | 40 CFR Part 61, Subpart FF | This tank does not store benzene-containing waste. |
| MAA/MEHQMT | N/A | 40 CFR Part 63, Subpart F | Tank capacity is 1,000 gallons. Per 63.101, storage vessel does not include vessels with capacities < 38 cubic meters. Since the tank is < 38 cubic meters, MACT F does not apply. |
| MAA/PTHQFT | N/A | 40 CFR Part 60, Subpart Kb | Tank capacity is 1,000 gallons. Per 60.110b(a), tanks with a capacity > 75 cubic meters are affected sources. Since the tank is < 75 cubic meters, NSPS Kb does not apply. |

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|--|--|
| ID No. | Group/Inclusive Units | | |
| MAA/PTHQFT | N/A | 40 CFR Part 61, Subpart FF | This tank does not store benzene-containing waste. |
| MAA/PTHQFT | N/A | 40 CFR Part 63, Subpart F | Tank capacity is 1,000 gallons. Per 63.101, storage vessel does not include vessels with capacities < 38 cubic meters. Since the tank is < 38 cubic meters, MACT F does not apply. |
| MMA/CVS | N/A | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | Pressure relief valves vent to a closed vent system and control device; PRVs have no rupture disks. |
| MMA/CVS | N/A | 40 CFR Part 60, Subpart VV | Fugitives complying with 40 CFR Part 63, Subpart H |
| MMA/DOCK | N/A | 30 TAC Chapter 115, Loading and Unloading of VOC | Marine vessel loading and unloading in Beaumont/Port Arthur area is exempt |
| MMA/DOCK | N/A | 40 CFR Part 63, Subpart F | Transfer rack utilizes vapor balancing during all operations |
| MMA/DOCK | N/A | 40 CFR Part 63, Subpart Y | True vapor pressure of loaded liquid is less than 1.5 psia at standard conditions |
| MMA/EPFT | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank does not store volatile organic compounds (VOC) |
| MMA/EPFT | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| MMA/EPFT | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/EPFT | N/A | 40 CFR Part 63, Subpart F | Storage vessel does not store HAPs |
| MMA/FGASVT | N/A | 40 CFR Part 63, Subpart F | Gas streams that vent to a fuel gas system are exempt. |

Permit Shield

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| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|--|--|
| ID No. | Group/Inclusive Units | | |
| MMA/SEWER | N/A | 30 TAC Chapter 115, Industrial Wastewater | Does not contain a VOC wastewater stream |
| MMA/SEWER | N/A | 40 CFR Part 61, Subpart FF | Waste stream does not contain benzene |
| MMA/SEWER | N/A | 40 CFR Part 63, Subpart F | Not located at a major source of HAPS |
| MMA/WPFT | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank does not store volatile organic compounds (VOC) |
| MMA/WPFT | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity < 75 cubic meters (19813 gal) |
| MMA/WPFT | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/WPFT | N/A | 40 CFR Part 63, Subpart F | Storage vessel does not contain HAPs |
| OS/MERC | N/A | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | Not a part of a SOCMF facility. |
| SAR/OLTK | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank does not store volatile organic compounds (VOC) |
| SAR/OLTK | N/A | 40 CFR Part 60, Subpart Kb | Does not store a volatile organic liquid (VOL) |
| SAR/OLTK | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| SAR/OLTK | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| SAR/SARUS | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| SIT/DEGR1 | N/A | 30 TAC Chapter 115, Degreasing | A remote reservoir cold solvent cleaner with a true vapor |

Permit Shield

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| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|--|--|
| ID No. | Group/Inclusive Units | | |
| | | Processes | pressure equal to less than 0.6 psia and which has a drain area less than 16 sq. in. |
| SIT/DEGR1 | N/A | 40 CFR Part 63, Subpart T | Perchloroethylene less than 5% weight |
| SIT/FWWS | N/A | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | Not part of a listed source/process/operation. |
| SIT/MOBDEG | N/A | 30 TAC Chapter 115, Degreasing Processes | A remote reservoir cold solvent cleaner with a true vapor pressure equal to less than 0.6 psia and which has a drain area less than 16 sq. in. |
| SIT/MOBDEG | N/A | 40 CFR Part 63, Subpart T | Perchloroethylene less than 5% weight |
| SIT/PTBTH | N/A | 30 TAC Chapter 115, Surface Coating Operations | Only aerosols are used in paint booth. |
| SIT/TFX173 | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank is in motor vehicle fuel dispensing service with capacity less than 25,000 gallons, therefore exempt from Chapter 115 requirements |
| SIT/TFX173 | N/A | 40 CFR Part 60, Subpart Kb | Capacity is less than 75 cubic meters |
| SIT/TFX175 | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank capacity less than 1000 gallons. |
| SIT/TFX176 | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank capacity less than 1000 gallons. |
| SIT/TFX177 | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank capacity less than 1000 gallons. |
| SAR/PAPHA | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel |

Permit Shield

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| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|--|---|
| ID No. | Group/Inclusive Units | | |
| SAR/PAPHA | N/A | 30 TAC Chapter 115, Vent Gas Controls | Combustion exhaust is exempt from this division provided that the unit is not used as a control device for vent gas stream subject to this division and which originates from a non-combustion source |
| SAR/PAPHB | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel |
| SAR/PAPHB | N/A | 30 TAC Chapter 115, Vent Gas Controls | Combustion exhaust is exempt from this division provided that the unit is not used as a control device for vent gas stream subject to this division and which originates from a non-combustion source |
| ACR/ABS51 | N/A | 40 CFR Part 63, Subpart NNN | Rule overlap. Process vents that are subject to the control requirements of NSPS NNN and MACT YY are only required to comply with MACT YY. |
| ACR/ACRPRC | N/A | 40 CFR Part 60, Subpart RRR | Process did not commence construction, modification, or reconstruction after 6/29/1990. |
| ACR-DEGR | N/A | 30 TAC Chapter 115, Degreasing Processes | Cold solvent cleaner uses solvent with a true vapor pressure less than or equal to 0.6 psia at 100 degrees F and which has a drain area less than 16 sq. in. and which properly disposes of waste solvent in enclosed containers. |
| ACR-DEGR | N/A | 40 CFR Part 63, Subpart T | Cold solvent is not Halogenated solvent |
| DEGREASER | N/A | 30 TAC Chapter 115, Degreasing Processes | Cold solvent cleaner uses solvent with a true vapor pressure less than or equal to 0.6 psia at 100 degrees F |

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| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|--------------------------------|--|
| ID No. | Group/Inclusive Units | | |
| | | | and which has a drain area less than 16 sq. in. and which properly disposes of waste solvent in enclosed containers. |
| DEGREASER | N/A | 40 CFR Part 63, Subpart T | Degreaser does not use a halogenated solvent |
| SIT/DEGR2 | N/A | 40 CFR Part 63, Subpart T | Perchloroethylene less than 5% weight |
| AMM/PMP186 | N/A | 30 TAC Chapter 117, Commercial | Emergency engines are exempt from emission specifications of this division. |
| AMM/PMP186 | N/A | 40 CFR Part 63, Subpart IIII | Constructed prior to July 11, 2005. |
| SIT/ENG177 | N/A | 40 CFR Part 63, Subpart IIII | Constructed prior to July 11, 2005. |
| SIT/ENG178 | N/A | 40 CFR Part 63, Subpart IIII | Constructed prior to July 11, 2005. |
| ACR/TFX221 | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| ACR/TFX221 | N/A | 40 CFR Part 61, Subpart Y | Storage tank is not a Benzene storing vessel. |
| ACR/TFX221 | N/A | 40 CFR Part 63, Subpart YY | Storage tank does not store refined hydrogen cyanide. |
| ACR/TFX223 | N/A | 40 CFR Part 60, Subpart Kb | The true vapor pressure is less than 15.0 kPa and volume less than 151 cubic meters. |
| ACR/TFX223 | N/A | 40 CFR Part 61, Subpart Y | Storage tank is not a benzene storing vessel. |
| ACR/TFX223 | N/A | 40 CFR Part 63, Subpart F | Located in a process unit that does not produce a listed chemical. |
| ACR/TFX223 | N/A | 40 CFR Part 63, Subpart YY | Storage tank does not store refined hydrogen cyanide. |

Permit Shield

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| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|-------------------------------------|--|
| ID No. | Group/Inclusive Units | | |
| ACR/TFX232 | N/A | 30 TAC Chapter 115, Storage of VOCs | Storing a material other than a VOC. |
| ACR/TFX232 | N/A | 40 CFR Part 60, Subpart Kb | Constructed prior to 07/23/1984. |
| ACR/TFX375 | N/A | 30 TAC Chapter 115, Storage of VOCs | Tank does not store volatile organic compounds (VOC) |
| ACR/TFX375 | N/A | 40 CFR Part 60, Subpart Kb | Storing a material other than a VOL. |
| ACR-TFX279 | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| ACR-TFX279 | N/A | 40 CFR Part 63, Subpart YY | Storage tank does not store refined hydrogen cyanide. |
| ACR-WWC376 | N/A | 40 CFR Part 60, Subpart Kb | Tank contains aqueous liquid. Does not meet the definition of volatile organic liquid (VOL). |
| ACR-WWC377 | N/A | 40 CFR Part 60, Subpart Kb | Tank contains aqueous liquid. Does not meet the definition of volatile organic liquid (VOL). |
| LBSMP | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| LBSMP | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| LBSMP | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| MAA/ACTK | N/A | 40 CFR Part 60, Subpart Kb | Tank capacity is 2,500 gallons. Per 60.110b(a), tanks with a capacity > 75 cubic meters are affected sources. Since the tank is < 75 cubic meters, NSPS Kb does not apply. |
| MAA/ACTK | N/A | 40 CFR Part 61, Subpart FF | This tank does not store benzene-containing waste. |

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| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|----------------------------|--|
| ID No. | Group/Inclusive Units | | |
| MAA/ACTK | N/A | 40 CFR Part 63, Subpart F | Tank capacity is 2,500 gallons. Per 63.101, storage vessel does not include vessels with capacities < 38 cubic meters. Since the tank is < 38 cubic meters, MACT F does not apply. |
| MAA/CRTK | N/A | 40 CFR Part 60, Subpart Kb | Tank capacity is 5,000 gallons. Per 60.110b(a), tanks with a capacity > 75 cubic meters are affected sources. Since the tank is < 75 cubic meters, NSPS Kb does not apply. |
| MAA/CRTK | N/A | 40 CFR Part 61, Subpart FF | This tank does not store benzene-containing waste. |
| MAA/CRTK | N/A | 40 CFR Part 63, Subpart F | Tank capacity is 5,000 gallons. Per 63.101, storage vessel does not include vessels with capacities < 38 cubic meters. Since the tank is < 38 cubic meters, MACT F does not apply. |
| MAA/HQMT | N/A | 40 CFR Part 60, Subpart Kb | Tank capacity is 5,000 gallons. Per 60.110b(a), tanks with a capacity > 75 cubic meters are affected sources. Since the tank is < 75 cubic meters, NSPS Kb does not apply. |
| MAA/HQMT | N/A | 40 CFR Part 61, Subpart FF | This tank does not store benzene-containing waste. |
| MAA/HQMT | N/A | 40 CFR Part 63, Subpart F | Tank capacity is 5,000 gallons. Per 63.101, storage vessel does not include vessels with capacities < 38 cubic meters. Since the tank is < 38 cubic meters, MACT F does not apply. |
| MAA/MAATK1 | N/A | 40 CFR Part 60, Subpart Kb | Tank has a storage capacity > 151 cubic meters and a TVP of < 3.5 kPa, therefore, NSPS Kb does not apply. |

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| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|----------------------------|--|
| ID No. | Group/Inclusive Units | | |
| MAA/MAATK1 | N/A | 40 CFR Part 61, Subpart FF | This tank does not store benzene-containing waste. |
| MAA/MAATK2 | N/A | 40 CFR Part 60, Subpart Kb | Tank has a storage capacity > 151 cubic meters and a TVP of < 3.5 kPa, therefore, NSPS Kb does not apply. |
| MAA/MAATK2 | N/A | 40 CFR Part 61, Subpart FF | This tank does not store benzene-containing waste. |
| MAA/PTHQMT | N/A | 40 CFR Part 60, Subpart Kb | Tank capacity is 2,000 gallons. Per 60.110b(a), tanks with a capacity > 75 cubic meters are affected sources. Since the tank is < 75 cubic meters, NSPS Kb does not apply. |
| MAA/PTHQMT | N/A | 40 CFR Part 61, Subpart FF | This tank does not store benzene-containing waste. |
| MAA/PTHQMT | N/A | 40 CFR Part 63, Subpart F | Tank capacity is 2,000 gallons. Per 63.101, storage vessel does not include vessels with capacities < 38 cubic meters. Since the tank is < 38 cubic meters, MACT F does not apply. |
| MAA/PWTK | N/A | 40 CFR Part 60, Subpart Kb | Tank capacity is 2,500 gallons. Per 60.110b(a), tanks with a capacity > 75 cubic meters are affected sources. Since the tank is < 75 cubic meters, NSPS Kb does not apply. |
| MAA/PWTK | N/A | 40 CFR Part 61, Subpart FF | This tank does not store benzene-containing waste. |
| MAA/PWTK | N/A | 40 CFR Part 63, Subpart F | Tank capacity is 2,500 gallons. Per 63.101, storage vessel does not include vessels with capacities < 38 cubic meters. Since the tank is < 38 cubic meters, MACT F does not apply. |
| MAA/RWTK | N/A | 40 CFR Part 60, Subpart Kb | Tank has a storage capacity > 75 cubic meters and < 151 |

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| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|-------------------------------------|--|
| ID No. | Group/Inclusive Units | | |
| | | | cubic meters with a TVP < 15 kPa, therefore, NSPS Kb does not apply. |
| MAA/RWTK | N/A | 40 CFR Part 61, Subpart FF | This tank does not store benzene-containing waste. |
| MMA/AIMTK | N/A | 40 CFR Part 60, Subpart Kb | Rule overlap, tank is complying with 40 CFR Part 63, Subpart G. |
| MMA/AIMTK | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/AUMTK | N/A | 40 CFR Part 60, Subpart Kb | Rule overlap, tank is complying with 40 CFR Part 63, Subpart G. |
| MMA/AUMTK | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/CMTK | N/A | 40 CFR Part 60, Subpart Kb | Rule overlap, tank is complying with 40 CFR Part 63, Subpart G. |
| MMA/CMTK | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/DFT | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| MMA/DFT | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/DWAT | N/A | 30 TAC Chapter 115, Storage of VOCs | Storage capacity is less than 1000 gallons |
| MMA/DWAT | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| MMA/DWAT | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/HQFT | N/A | 30 TAC Chapter 115, Storage of VOCs | Storage capacity is less than 1000 gallons |

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|----------------------------|--|
| ID No. | Group/Inclusive Units | | |
| MMA/HQFT | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| MMA/HQFT | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/HQFT | N/A | 40 CFR Part 63, Subpart F | Not located at a major source of HAPS |
| MMA/HQMT | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| MMA/HQMT | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/INHBFT | N/A | 40 CFR Part 60, Subpart Kb | Rule overlap, tank is complying with 40 CFR Part 63, Subpart G. |
| MMA/INHBFT | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/INHBMT | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| MMA/INHBMT | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/MDST | N/A | 40 CFR Part 60, Subpart Kb | Rule overlap, tank is complying with 40 CFR Part 63, Subpart G. |
| MMA/MDST | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/MDTK | N/A | 40 CFR Part 60, Subpart Kb | Unit is complying with 40 CFR Part 63, Subpart G |
| MMA/MDTK | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/NWLT | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is greater than 75 cubic meters and true vapor pressure is less than 15 kPa (2.17 psia) |
| MMA/NWLT | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|-------------------------------------|--|
| ID No. | Group/Inclusive Units | | |
| MMA/NWLT | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| MMA/OPFT | N/A | 30 TAC Chapter 115, Storage of VOCs | Storage capacity is less than 1000 gallons |
| MMA/OPFT | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| MMA/OPFT | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/OPMT | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| MMA/OPMT | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/SWLT | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| MMA/SWLT | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| MMA/TFDCA | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| MMA/TFDCA | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| NBMA/TFX54 | N/A | 40 CFR Part 60, Subpart Kb | Tank was constructed prior to July 23, 1984 and has not been modified or reconstructed after July 23, 1984. |
| NBMA/TFX54 | N/A | 40 CFR Part 63, Subpart EEEE | This storage tank does not store organic liquids by definition. The material stored does not contain a Table 1 compound. |
| NBMA/TFX54 | N/A | 40 CFR Part 63, Subpart F | This tank stores a material that does not contain organic hazardous air pollutants. |

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|----------------------------|--|
| ID No. | Group/Inclusive Units | | |
| SAR/NSAT | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is greater than 151 cubic meters and true vapor pressure is less than 3.5 kPa (0.5 psia) |
| SAR/NSAT | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| SAR/NSAT | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| SAR/SART | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is greater than 151 cubic meters and true vapor pressure is less than 3.5 kPa (0.5 psia) |
| SAR/SART | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| SAR/SAT | N/A | 40 CFR Part 60, Subpart Kb | Vessel is greater than or equal to 151 cubic meters storing a liquid with true vapor pressure less than 3.5 kPa (0.5 psia) |
| SAR/SAT | N/A | 40 CFR Part 61, Subpart FF | Does not store benzene-containing waste |
| SAR/SAT | N/A | 40 CFR Part 63, Subpart F | Located in a chemical manufacturing process unit that does not use or manufacture any Table 2 HAPs |
| SIT/TFX172 | N/A | 40 CFR Part 60, Subpart Kb | Storage capacity is less than 75 cubic meters (19813 gal) |
| SIT/TMEOH | N/A | 40 CFR Part 60, Subpart Kb | Capacity is less than 75 cubic meters |

New Source Review Authorization References

New Source Review Authorization References 116

New Source Review Authorization References by Emission Unit..... 118

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Prevention of Significant Deterioration (PSD) Permits | |
|---|------------------------------|
| PSD Permit No.: PSDTX753 | Issuance Date: 12/28/2006 |
| Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area. | |
| Authorization No.: 1743 | Issuance Date: 08/22/2008 |
| Authorization No.: 19003 | Issuance Date: 04/06/2006 |
| Authorization No.: 19004 | Issuance Date: 04/11/2006 |
| Authorization No.: 19005 | Issuance Date: 12/28/2006 |
| Authorization No.: 2796A | Issuance Date: 06/29/2010 |
| Authorization No.: 318 | Issuance Date: 04/09/2014 |
| Permits By Rule (30 TAC Chapter 106) for the Application Area | |
| Number: 106.122 | Version No./Date: 09/04/2000 |
| Number: 106.183 | Version No./Date: 09/04/2000 |
| Number: 106.261 | Version No./Date: 03/14/1997 |
| Number: 106.261 | Version No./Date: 09/04/2000 |
| Number: 106.261 | Version No./Date: 11/01/2003 |
| Number: 106.262 | Version No./Date: 03/14/1997 |
| Number: 106.262 | Version No./Date: 09/04/2000 |
| Number: 106.262 | Version No./Date: 11/01/2003 |
| Number: 106.263 | Version No./Date: 03/14/1997 |
| Number: 106.263 | Version No./Date: 09/04/2000 |
| Number: 106.263 | Version No./Date: 11/01/2001 |
| Number: 106.371 | Version No./Date: 09/04/2000 |
| Number: 106.452 | Version No./Date: 09/04/2000 |
| Number: 106.454 | Version No./Date: 11/01/2001 |
| Number: 106.472 | Version No./Date: 09/04/2000 |
| Number: 106.472 | Version No./Date: 11/01/2003 |
| Number: 106.475 | Version No./Date: 09/04/2000 |

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| | |
|-----------------|------------------------------|
| Number: 106.478 | Version No./Date: 09/04/2000 |
| Number: 106.492 | Version No./Date: 09/04/2000 |
| Number: 106.511 | Version No./Date: 09/04/2000 |
| Number: 106.532 | Version No./Date: 09/04/2000 |
| Number: 34 | Version No./Date: 09/12/1989 |
| Number: 39 | Version No./Date: 09/12/1989 |
| Number: 53 | Version No./Date: 07/20/1992 |
| Number: 61 | Version No./Date: 09/12/1989 |
| Number: 61 | Version No./Date: 07/20/1992 |
| Number: 62 | Version No./Date: 01/08/1980 |
| Number: 63 | Version No./Date: 01/08/1980 |
| Number: 75 | Version No./Date: 08/30/1988 |
| Number: 83 | Version No./Date: 04/05/1995 |
| Number: 84 | Version No./Date: 11/05/1986 |
| Number: 102 | Version No./Date: 09/12/1989 |
| Number: 106 | Version No./Date: 04/05/1995 |
| Number: 107 | Version No./Date: 09/12/1989 |

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---------------------------|--------------------------------|---------------------------------|
| ACH/ACEBS | ACH ACETONE IFR STORAGE TANK | 19004 |
| ACH/ACHTK2 | ACH EAST STORAGE TANK 2 | 19004 |
| ACH/ACHTK3 | ACH BULK STORAGE TANK | 19004 |
| ACH/ACHTK | ACH WEST ACH STORAGE TANK 1 | 19004 |
| ACH/BLETK | ACH BLEND TANK | 19004 |
| ACH/BRINTK | ACH BRINE TANK | 19004 |
| ACH/CBFLR | ACH PROCESS FLARE | 19004 |
| ACH/CHWTTK | ACH CHILLED WATER TANK | 19004 |
| ACH/COLA | ACH TOPPING COLUMN | 19004 |
| ACH/CTW | ACH COOLING TOWER | 19004 |
| ACH/CVS | ACH CLOSED VENT SYSTEM | 19004 |
| ACH/FPRCBL | ACH AREA FUGITIVE EQUIPMENT | 19004 |
| ACH/OGTK | ACH OFF-GRADE TANK | 19004 |
| ACH/RAINTK | ACH RAINWATER TANK | 19004 |
| ACH/RXA | ACH REACTOR 1 | 19004 |
| ACH/RXB | ACH REACTOR 2 | 19004 |
| ACH/SEWER | ACH AREA SEWERS | 61/09/12/1989 |
| ACH/TMATK | ACH TMA TANK | 19004 |

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---------------------------|--------------------------------------|--|
| ACR/ABS51 | ABSORBER COLUMN | 1743 |
| ACR/ABS51 | ABSORBER COLUMN VENT TO CONTROL | 1743 |
| ACR/ACRPRC | ACRYLONITRILE PROCESS TO INCINERATOR | 1743 |
| ACR/AOGPOT | AOG KNOCKOUT POT | 1743 |
| ACR/CLT229 | COOLING TOWER | 1743 |
| ACR/ENGDCCK | DOCK ENGINE | 106.511/09/04/2000 |
| ACR/FLR57 | ISBL FLARE | 1743 |
| ACR/HCNCOL | HCN AND HEADS COLUMN | 1743 |
| ACR/HCNFUG | HCN FUGITIVES | 106.261/11/01/2003, 106.262/11/01/2003 |
| ACR/HCNSTR | HCN/PHOSPHATE STRIPPER | 106.261/11/01/2003, 106.262/11/01/2003 |
| ACR/INC60 | INCINERATOR | 1743 |
| ACR/NH3RCT | NH3 RECTIFIER | 106.261/11/01/2003, 106.262/11/01/2003 |
| ACR/NH3STR | NH3 STRIPPER | 106.261/11/01/2003, 106.262/11/01/2003 |
| ACR/NH3TK | AMMONIA PRESSURE TANK | 84/11/05/1986 |
| ACR/PRC57 | ISBL FLARE VENT SYSTEM | 1743 |
| ACR/SMPCS | CHEM SEWER SUMP | 106.472/11/01/2003 |
| ACR/TFX221 | GLYCOLIC ACID TANK | 1743 |
| ACR/TFX223 | ISBL BRINE STORAGE TANK | 1743 |

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---------------------------|--------------------------------|--|
| ACR/TFX232 | FILTRATE TANK | 1743 |
| ACR/TFX375 | 1 MM GALLON TANK | 1743 |
| ACR/TFXDCK | DOCK DIESEL TANK | 106.472/09/04/2000 |
| ACR/TOU51 | THERMAL OXIDIZER DISCH | 1743, 106.261/11/01/2003, 106.262/11/01/2003 |
| ACR-DEGR | ACRN/DEGREASER | 106.454/11/01/2001 |
| ACR-FLR57 | ISBL FLARE | 1743 |
| ACR-FLR59 | HCN CONVERTER FLARE | 106.492/09/04/2000 |
| ACR-INC60 | INCINERATOR STACK | 1743, 106.261/11/01/2003, 106.262/11/01/2003 |
| ACR-TF206A | SULFURIC ACID STORAGE TANK A | 1743 |
| ACR-TF206B | SULFURIC ACID STORAGE TANK B | 1743 |
| ACR-TFX207 | SULFURIC DAY TANK | 1743 |
| ACR-TFX279 | COMPRESSOR LUBE OIL RESERVOIR | 106.472/09/04/2000 |
| ACR-VC51 | VAPOR COMBUSTOR | 1743, 106.261/11/01/2003, 106.262/11/01/2003 |
| ACR-WWC376 | WASTEWATER SETTLERS | 1743 |
| ACR-WWC377 | WASTEWATER SETTLERS | 1743 |
| AMM/FDKAMB | BARGE LOADING FUGITIVES | 318 |
| AMM/PMP186 | FIREWATER PUMP 186 ENGINE | 318 |
| AMM/TFX185 | DIESEL TANK AT AMMONIA | 318 |

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---------------------------|---------------------------------|--|
| AMM/TFX186 | DIESEL TANK AT AMMONIA | 318 |
| DEGREASER | DEGREASER UNIT | 106.454/11/01/2001 |
| FMONO | MMA/MAA FUGITIVE EQUIPMENT | 19003 |
| HCN/CVS | HCN CLOSED VENT SYSTEM | 106.262/11/01/2003 |
| HCN/SRGVSL | HCN SURGE VESSEL | 106.262/11/01/2003 |
| HCN/WWMNT | HCN UNIT MAINTENANCE WASTEWATER | 1743 |
| HCN/WWPRC | HCN UNIT PROCESS WASTEWATER | 1743 |
| HCN/WWRSID | HCN UNIT WASTEWATER RESIDUALS | 1743 |
| LBSMP | LAB SUMP TANK | 19003 |
| MAA/ABOIL | MAA AFTERBOILER | 106.261/11/01/2003, 106.262/11/01/2003 |
| MAA/ACTK | MAA AMIDE COOL TANK | 106.472/09/04/2000 |
| MAA/CRTK | MAA CRUDE TANK | 106.472/09/04/2000 |
| MAA/DEC | MAA DECANTER | 106.261/11/01/2003, 106.262/11/01/2003 |
| MAA/FGASVT | MAA FUEL GAS VENT SYSTEM | 106.261/11/01/2003, 106.262/11/01/2003 |
| MAA/HQMT | MAA HQ INHIBITOR MIX TANK | 106.475/09/04/2000 |
| MAA/HRC | MAA HEAVIES REMOVER COLUMN | 106.261/11/01/2003, 106.262/11/01/2003 |
| MAA/HYDRX1 | MAA HYDROLYSIS REACTOR 1 | 106.261/11/01/2003, 106.262/11/01/2003, 106.472/09/04/2000 |

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---------------------------|---|--|
| MAA/HYDRX2 | MAA HYDROLYSIS REACTOR 2 | 106.261/11/01/2003, 106.262/11/01/2003 |
| MAA/JCOND | MAA JET CONDENSER | 106.261/11/01/2003, 106.262/11/01/2003 |
| MAA/LOAD | MAA TANK TRUCK / RAIL CAR LOADING | 106.261/11/01/2003, 106.262/11/01/2003 |
| MAA/MAATK1 | MAA PRODUCT TANK #1 | 106.472/09/04/2000 |
| MAA/MAATK2 | MAA PRODUCT TANK #2 | 106.472/09/04/2000 |
| MAA/MEHQMT | MAA MEHQ INHIBITOR MIX TANK | 106.472/09/04/2000 |
| MAA/PRC | MAA PRODUCT RECTIFIER COLUMN | 106.261/11/01/2003, 106.262/11/01/2003 |
| MAA/PTHQFT | MAA PTZ-MEHQ INHIBITOR FEED TANK | 106.472/09/04/2000 |
| MAA/PTHQMT | MAA PTZ-MEHQ INHIBITOR MIX TANK | 106.472/09/04/2000 |
| MAA/PWTK | MAA PROCESS WATER TANK | 106.472/09/04/2000 |
| MAA/RWTK | MAA PRODUCT REWORK TANK | 106.472/09/04/2000 |
| MAA/WSC | MAA WATER STRIPPER COLUMN | 106.261/11/01/2003, 106.262/11/01/2003 |
| MMA/ACONV | MMA AMIDE CONVERTER | 19003 |
| MMA/AFTBLR | AFTERBOILER | 19003 |
| MMA/AIMTK | MMA AREA INHIBITED MONOMER STORAGE TANK | 19003 |
| MMA/ARC | MMA ACID REMOVAL COLUMN | 19003 |
| MMA/ARXRA | MMA PRIMARY AMIDE REACTOR | 19003 |
| MMA/ARXRB | MMA PRIMARY AMIDE REACTOR 1 | 19003 |

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---------------------------|---|---------------------------------|
| MMA/ARXRC | MMA PRIMARY AMIDE REACTOR 2 | 19003 |
| MMA/AUMTK | MMA AREA UNINHIBITED MONOMER TANK | 19003 |
| MMA/CMTK | MMA CRUDE MONOMER TANK | 19003 |
| MMA/CTW | MMA COOLING TOWER | 19003 |
| MMA/CVS | MMA/MAA CLOSED VENT SYSTEM | 19003 |
| MMA/DFT | MMA DECANter FEED TANK | 19003 |
| MMA/DKFL | MMA DOCK FLARE | 19003 |
| MMA/DOCK | MMA MARINE VESSEL LOADING | 19003 |
| MMA/DWAT | MMA DECANter ADJUSTMENT | 19003 |
| MMA/EPFT | MMA EAST PTZ-H ₂ SO ₄ MIX/FEED TANK | 19003 |
| MMA/ESRX1A | ESTERIFIER REACTOR 1A | 19003 |
| MMA/ESRX1 | ESTERIFICATION REACTOR 1 | 19003 |
| MMA/ESRX2 | ESTERIFICATION REACTOR 2 | 19003 |
| MMA/FGASVT | MMA UNIT FUEL GAS VENT SYSTEM | 19003 |
| MMA/HQFT | MMA HQ-PTZ FEED TANK | 19003 |
| MMA/HQMT | MMA HQ-PTZ MIX TANK | 19003 |
| MMA/INHBFT | INHIBITOR FEED TANK | 19003 |
| MMA/INHBMT | INHIBITOR MIX TANK | 19003 |

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---------------------------|---|---------------------------------|
| MMA/LAB | PLANT LABORATORY | 34/09/12/1989 |
| MMA/LBC | MMA LOW BOILER COLUMN | 19003 |
| MMA/LOAD | MMA LOADING | 19003 |
| MMA/MDST | MMA DOCK STORAGE TANK | 19003 |
| MMA/MDTK | MMA METHANOL DAY TANK | 19003 |
| MMA/NWLT | MMA NORTH WATER LAYER TANK | 19003 |
| MMA/OPFT | MMA OPD - MEOH FEED TANK | 19003 |
| MMA/OPMT | MMA OPD-MEOH MIX TANK | 19003 |
| MMA/PFL | MMA PROCESS FLARE | 19003 |
| MMA/REF | MMA REFINING COLUMN | 19003 |
| MMA/SEWER | PROCESS AREA SEWERS | 61/09/12/1989 |
| MMA/SWLT | MMA SOUTH WATER LAYER TANK | 19003 |
| MMA/TFDCA | MMA TANK FARM DECANter | 19003 |
| MMA/TOP | MMA TOPPING COLUMN | 19003 |
| MMA/WPFT | MMA WEST PTZ-H ₂ SO ₄ MIX/FEED TANK | 19003 |
| NBMA/LRC | NBMA RAILCAR LOADING/UNLOADING | 106.472/09/04/2000 |
| NBMA/LTR | NBMA TANK TRUCK LOADING/UNLOADING | 106.472/09/04/2000 |
| NBMA/TFX54 | NBMA STORAGE TANK | 106.472/09/04/2000 |

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---------------------------|--|---------------------------------|
| OS/MERC | MERCAPTAN BOTTLE FUGITIVES | 106.262/09/04/2000 |
| P&S/BLR7 | BOILER NO. 7 | 2796A |
| PRO-MMA | METHYL METHACRYLATE PROCESS UNIT | 19003 |
| PRO-PAINT | PAINTING | 106.263/03/14/1997 |
| PRO-SAR | SAR UNIT | 19005, PSDTX753 |
| SAR/NSAT | NORTH SPENT ACID TANK | 19005, PSDTX753 |
| SAR/OLTK | SAR OLEUM TANK | 19005, PSDTX753 |
| SAR/PAPHA | SAR PROCESS AIR NORTH PREHEATER | 19005, PSDTX753 |
| SAR/PAPHB | SAR PROCESS AIR SOUTH PREHEATER | 19005, PSDTX753 |
| SAR/SART | SPENT ACID RECYCLE TANK | 19003, 19005, PSDTX753 |
| SAR/SARUS | SAR STARTUP STACK | 19005, PSDTX753 |
| SAR/SAT | SOUTH SPENT ACID TANK | 19005, PSDTX753 |
| SAR-SARSTK | SAR UNIT MAIN STACK | 19005, PSDTX753 |
| SIT/BIOOX | BIO OX UNIT | 106.532/09/04/2000 |
| SIT/DEGR1 | #9 SHOP DEGREASER BAY AREA | 106.454/11/01/2001 |
| SIT/DEGR2 | #9 SHOP DEGREASER LAP MASTER | 106.454/11/01/2001 |
| SIT/ENG177 | DIESEL FIRE PUMP ENGINE (S)-METHANOL | 106.511/09/04/2000 |
| SIT/ENG178 | DIESEL ENGINE FOR NORTH METHANOL FIRE PUMP | 106.511/09/04/2000 |

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|--------------------------------------|---------------------------------------|--|
| SIT/FWWS | WASTEWATER SYSTEM FUGITIVES | 61/07/20/1992 |
| SIT/MOBDEG | MOBILE SHOP DEGREASER | 106.454/11/01/2001 |
| SIT/PTBTH | SURFACE COATING PROCESS | 75/08/30/1988 |
| SIT/TFX172 | DIESEL STORAGE TANK | 53/07/20/1992 |
| SIT/TFX173 | GASOLINE STORAGE TANK | 53/07/20/1992 |
| SIT/TFX175 | DIESEL TANK AT WATER PLANT | 106.472/09/04/2000 |
| SIT/TFX176 | DIESEL TANK AT METHANOL | 106.472/09/04/2000 |
| SIT/TFX177 | DIESEL TANK AT METHANOL | 106.472/09/04/2000 |
| SIT/TMEOH | BIO-OX METHANOL FEED TANK | 106.478/09/04/2000 |

Appendix A

| | |
|---------------------------|------------|
| Acronym List | 128 |
|---------------------------|------------|

Acronym List

The following abbreviations or acronyms may be used in this permit:

| | |
|------------------------|---|
| ACFM | actual cubic feet per minute |
| AMOC | alternate means of control |
| ARP | Acid Rain Program |
| ASTM | American Society of Testing and Materials |
| B/PA | Beaumont/Port Arthur (nonattainment area) |
| CAM | Compliance Assurance Monitoring |
| CD | control device |
| COMS | continuous opacity monitoring system |
| CVS | closed-vent system |
| D/FW | Dallas/Fort Worth (nonattainment area) |
| DR | Designated Representative |
| ELP | El Paso (nonattainment area) |
| EP | emission point |
| EPA | U.S. Environmental Protection Agency |
| EU | emission unit |
| FCAA Amendments | Federal Clean Air Act Amendments |
| FOP | federal operating permit |
| GF | grandfathered |
| gr/100 scf | grains per 100 standard cubic feet |
| HAP | hazardous air pollutant |
| H/G/B | Houston/Galveston/Brazoria (nonattainment area) |
| H ₂ S | hydrogen sulfide |
| ID No. | identification number |
| lb/hr | pound(s) per hour |
| MMBtu/hr | Million British thermal units per hour |
| MRRT | monitoring, recordkeeping, reporting, and testing |
| NA | nonattainment |
| N/A | not applicable |
| NADB | National Allowance Data Base |
| NO _x | nitrogen oxides |
| NSPS | New Source Performance Standard (40 CFR Part 60) |
| NSR | New Source Review |
| ORIS | Office of Regulatory Information Systems |
| Pb | lead |
| PBR | Permit By Rule |
| PM | particulate matter |
| ppmv | parts per million by volume |
| PSD | prevention of significant deterioration |
| RO | Responsible Official |
| SO ₂ | sulfur dioxide |
| TCEQ | Texas Commission on Environmental Quality |
| TSP | total suspended particulate |
| TVP | true vapor pressure |
| U.S.C. | United States Code |
| VOC | volatile organic compound |